

19991014.qrp v01_n608.qrl.991014

Date: Thu, 14 Oct 1999 19:03:04 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1608

QRP-L Digest 1608

Topics covered in this issue include:

- 1) [53122] Norcal Toroid Kit hits NJ
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 2) [53123] New Contest Logging Program - Free Beta- Long
by Brian Kassel <bkassel@dancris.com>
- 3) [53124] FOXHUNT: AB5WX Log and report
by Ab5wx@aol.com
- 4) [53125] Re: Cyanoacrylates (Super Glue)
by KB90CE@aol.com
- 5) [53126] Help with 38 Special Please
by "Bruce" <n9jcv@wwa.com>
- 6) [53127] The Texas Tarantulas Ride Again
by "Tom Whiteside" <n5tw@igg-tx.net>
- 7) [53128] HSC website?
by Dennisskea@aol.com
- 8) [53129] Re: Cyanoacrylates (Super Glue)
by Gary L Surrency <gsurrency@juno.com>
- 9) [53130] Re: CQ Carl Luetzelschwab question Tennadyne T6
by wa4dou@juno.com
- 10) [53131] RE: PIXIE
by Bob McKellar <bazooka@execulink.com>
- 11) [53132] Re: OT: buzz saw - film at 11?
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 12) [53133] FS
by "Bill Johnson" <b11john@msn.com>
- 13) [53134] New QRP rig
by <SFIKE@twa.com>
- 14) [53135] Re: OT: buzz saw - film at 11?
by Pete Burbank <plburbank@kih.net>
- 15) [53136] Re: Contest info web sites
by "Al Gritzmacher " <ae2t@arrl.net>
- 16) [53137] Re: Contesting ... SS CQWW etc.
by "Al Gritzmacher " <ae2t@arrl.net>
- 17) [53138] Am I a QRP Old-Timer?
by n5ib@juno.com
- 18) [53139] 38 Special Mystery solved
by "Bruce" <n9jcv@wwa.com>
- 19) [53140] Useful basic circuit design info

- by Jeff Furman <jfurman@ocs.net>
- 20) [53141] RE: Cyanoacrylates (Super Glue)
by "Ed Tanton" <n4xy@att.net>
- 21) [53142] OHR 100A (30 meter)
by W1XV@cs.com
- 22) [53143] Re: Cyanoacrylates (Super Glue)
by hamjoel@juno.com
- 23) [53144] Re: Pre-wired 2.1mm power plugs
by ka7you@juno.com
- 24) [53145] Re: RF emission for non-hams [OT]?
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 25) [53146] Re: QSL question Part II
by The Boices <boice@bigfoot.com>
- 26) [53147] Re: Help with 38 Special Please
by "Paul Harden, NA5N" <na5n@rt66.com>
- 27) [53148] Re: 38 Special Mystery solved
by "Paul Harden, NA5N" <na5n@rt66.com>
- 28) [53149] Re: Power Connectors
by Russ Dow <n7dw@garlic.com>
- 29) [53150] Re: power
by Russ Hines <radioruss@fuse.net>
- 30) [53151] Download program
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 31) [53152] Re: HSC website?
by Russ Dow <n7dw@garlic.com>
- 32) [53153] Re: Cyanoacrylates (Super Glue)
by "Art Neilson, AH6PZ" <art@hawaii.rr.com>
- 33) [53154] Re: Power Connectors
by "Al Gritzmacher" <ae2t@arrl.net>
- 34) [53155] Cyanoacrylate
by Pete Burbank <plburbank@kih.net>
- 35) [53156] Re: Cyanoacrylates (Super Glue)
by "Randy Jouett" <rules@bellsouth.net>
- 36) [53157] Standards was Re: Power Connectors
by Michael Neverdosky <mneverdosky@earthlink.net>
- 37) [53158] Test
by Nick Kennedy <nkennedy@cswnet.com>
- 38) [53159] TT-2 & 2nd Harmonics
by Nick Kennedy <nkennedy@cswnet.com>
- 39) [53160] Sangean ATS 818 receiver, repair?
by Philip Karras <ke3fl@yahoo.com>
- 40) [53161] Re: TT-2 & 2nd Harmonics
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 41) [53162] W5 DX QSL Bureau {lots of QRPers on the list}
by jaywa5whn@juno.com
- 42) [53163] Re: The Texas Tarantulas Ride Again
by Bruce Rattray <rattray@gpfn.sk.ca>
- 43) [53164] Buzzsaw on 7 MHz band

by Jim Giammanco <giamman@rouge.phys.lsu.edu>
44) [53165] Re: The Texas Tarantulas Ride Again
by Bruce Rattray <rattray@gpfn.sk.ca>
45) [53166] QRP presentation at local club
by "Buck, Preston D" <BuckPD@corning.com>
46) [53167] RE: Cyanoacrylates (Super Glue)
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
47) [53168] WTB Drake 500hz,6000hz filter
by James Skalski <jskalski@localnet.com>
48) [53169] OT RE: Cyanoacrylates (Super Glue)
by "Scott, Gary" <gary.scott@bellhowell.infolearning.com>
49) [53170] AR QRP 40m Net results
by Robsparks@aol.com
50) [53171] FS OR TRADE
by "Francis Callahan" <colcal@srv.net>
51) [53172] Re: Standards was Re: Power Connectors
by "Mike Yetsko" <myetsko@insydesw.com>
52) [53173] Re: OT RE: Cyanoacrylates (Super Glue)
by "Mike Yetsko" <myetsko@insydesw.com>
53) [53174] PRE-FOX Festival
by "Franco, Nicholas J" <franco@bnl.gov>
54) [53175] 14.060 Sked
by charles k brown <n4so@juno.com>
55) [53176] Yagi Antenna raising questions
by Tim Ahrens <tahrens@hilconet.com>
56) [53177] RF-1 instructions
by Allan G Taylor <k7gt@arrl.net>
57) [53178] FOX:40 mtr fox hunt Teams (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
58) [53179] WTB Tek 465B or 475B
by Dave Pomeroy <dave_pomeroy@yahoo.com>
59) [53180] SPICE simulator recommendations?
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
60) [53181] Re: Yagi Antenna raising questions
by "Mike Yetsko" <myetsko@insydesw.com>
61) [53182] Qsl markers !!
by Kleibe Jacinto de Araujo <kleibe@anatel.gov.br>
62) [53183] Re: Qsl markers !!
by "dor" <elbc@pivot.net>
63) [53184] Re: Yagi Antenna raising questions
by Monte Stark <ku7y@dri.edu>
64) [53185] RE: Yagi Antenna raising questions
by Guy Dragoo <GDRAG@proedge.com>
65) [53186] 2N2-6...?
by Mighty Mik <mitymik@wenet.net>
66) [53187] Re: OT: buzz saw - film at 11?
by "William R. Colbert" <af852@rgfn.epcc.edu>
67) [53188] Sherwood Eng./Drake R-4C

- by charles k brown <n4so@juno.com>
- 68) [53189] Power Connectors/DC Power
by charles k brown <n4so@juno.com>
- 69) [53190] Re: Sherwood Eng./Drake R-4C
by Monte Stark <ku7y@dri.edu>
- 70) [53191] Help w/condo ant. system
by Drbob92031@aol.com
- 71) [53192] Mike Gipe, K1MG, QRP-Con Speaker #6
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 72) [53193] Re: New QRP rig
by igeq100@iupui.edu
- 73) [53194] Interesting site
by Mike Maiorana <mikemo@attglobal.net>
- 74) [53195] All Electronics 2.1mm plugs
by charles k brown <n4so@juno.com>
- 75) [53196] Re: New QRP rig
by HWRM1SS@aol.com
- 76) [53197] Drake R-4C Filters/Internat. Radio
by charles k brown <n4so@juno.com>
- 77) [53198] Foxhunt Schedule
by "Thom Durfee" <wi8w@arrl.net>
- 78) [53199] Alinco DX70TH at 5 watts
by "Thom Durfee" <wi8w@arrl.net>
- 79) [53200] Re: Foxhunt Schedule
by "Paul R. Valko" <prvalko@oakland.edu>
- 80) [53201] STILL LQQKING
by RangerSF5@aol.com
- 81) [53202] FOXHUNT! Text file version
by charles k brown <n4so@juno.com>
- 82) [53203] Re: New QRP rig
by Mark Gilger <mgilger@concentric.net>
- 83) [53204] Y2K PacifiCon Countdown
by "Paul Harden, NA5N" <na5n@rt66.com>
- 84) [53205] wanted: tower or tower leads
by M Goins <mgoins@usa.net>
- 85) [53206] News Flash
by <SFIKE@twa.com>
- 86) [53207] Re: 14.060, Miguel
by Joel Malman <malman@world.std.com>
- 87) [53208] Sun-Spots
by <SFIKE@twa.com>
- 88) [53209] North Georgia QRP Club (NoGa) offers the PiG Kit - a QRP Accessory
by Sam Billingsley <SBillingsley@usaninc.com>
- 89) [53210] Buzz Saw Plots
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 90) [53211] Re: Help w/condo ant. system
by Bob Kellogg <ae4ic@nr.infi.net>

- 91) [53212] Re: Y2K PacifiCon Countdown
by Jeff <fantbb@yahoo.com>
- 92) [53213] Re: North Georgia QRP Club (NoGa) offers the PiG Kit - a QRP
Accessory
by "Robert P. Okas" <vintage@best.com>
- 93) [53214] Re: 2N2-6...?
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 94) [53215] OT: Over the Horizon Radar
by The Boices <boice@bigfoot.com>
- 95) [53216] Pacificon Weather & Hotel Report
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 96) [53217] RE: News Flash (Solar Activity)
by "Morrow, Michael A." <mamorrow@tva.gov>
- 97) [53218] Re: Pacificon Weather & Hotel Report
by Monte Stark <ku7y@dri.edu>
- 98) [53219] Re: Y2K PacifiCon Countdown
by "Paul Harden, NA5N" <na5n@rt66.com>
- 99) [53220] Screwdriver Antenna
by Monte Stark <ku7y@dri.edu>
- 100) [53221] Re: Sun-Spots
by HWRM1SS@aol.com
- 101) [53222] TT2 Beaconing Now @ 7.043.2 from Oakland, CA
by "Jack Oakland, CA" <w6abc@yahoo.com>
- 102) [53223] KI6DS On Way to Pacificon
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 103) [53224] What to buy at P'Con?
by Ed Loranger <we6w@qsl.net>
- 104) [53225] X1 Solar Flare
by "Paul Harden, NA5N" <na5n@rt66.com>
- 105) [53226] Buzzsaw
by "S. M. Whitehouse" <ke4yh@gte.net>
- 106) [53227] What? Another QRP Mag??
by Larry East <w1hue@amsat.org>
- 107) [53228] OT: Which scope should I buy
by "Kory Hamzeh" <kory@avatar.com>
- 108) [53229] CQ San Francisco area QRPers
by "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
- 109) [53230] Hams in the bay area- pizza evening
by dareid@synopsys.com

Date: Wed, 13 Oct 1999 19:07:25 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [53122] Norcal Toroid Kit hits NJ
Message-ID: <380510AD.8FAA92FE@home.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got my Toroid Kit today. Very nice. I've already got about half of them committed to projects I've been meaning to try so it would be neat if this one gets repeated in the future. Thanks again guys. Now we need a building contest that utilizes all three parts kits.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 13 Oct 1999 16:53:10 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [53123] New Contest Logging Program - Free Beta- Long
Message-ID: <38051B66.39B5F05B@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I know that there are a lot of new or wanna-be new contest operators out there who are very skeptical of the existing contest programs like TR and CT etc. These are GREAT programs, I even use TR all of the time. I note though, that the powerful configuration facilities of these programs scares folks from actually using them. Most are DOS based though, and for some of our middle-aged-eyes, those characters can be awfully small.

I have been playing with a contest logging program for several months. My fellow scQRPions Bob, Bertie and Roger Hightower have used it and found no real bugs. It is WINDOWS based, and has been tested on WINDOWS 3.1 and 95. It should also run on WINDOWS 98.

This program was developed with just one goal in mind: To provide a very inexpensive contest logging application that is simple to use, and requires no configuration other than typing in your call

sign, name etc. Versions will be available for each of the QRP contests, as well as many of the more popular contests that include a QRP category. This program is intended to allow prospective contest operators to enter the world of QRP contest operating with a minimal learning curve.

Some of the key features are:

Large Fonts used throughout.

Easy program "flow", just tab to the next area of exchange information.

Each area of the exchange is validated for correct entry.

Easy Un-install

No keystrokes to remember.

The entire program can be used with just the TAB and ENTER keys.

Editing and contest scoring are just as easy.

Sorry, it doesn't send CW (yet).

Simply download the version that applies to the contest that you are interested in, unzip and read the ReadMe.txt file.

To download:

<http://www.dancris.com/~bkassel/index.htm#top>

The initial BETA 1 version, for the NE (Dave Benson) QRP afield is available at the WWW address below.

Although there is a download section on the page for the upcoming Fall ARCI test, that version is not yet ready. I hope to be able to finish that version and upload it after I return from Pacificon.

The file size is less than 50K in ZIP format, and includes a small README file within the ZIP on how to install, operate etc. You will also need a file called VBRUN300.DLL, which should already be on your PC in the WINDOWS/SYSTEM directory. If you find that you need the VBRUN300.DLL file, I can send that to you, or you can get this free file from many locations on the WWW. I'll also upload it to my WWW page if enough folks need it.

There is NO CHARGE of course for these BETA versions. All that we ask is that you let me know via EMAIL to me what your opinions: good, bad or indifferent about this program.

Brian W5VB0
AZ ScQRPions

<http://www.dancris.com/~bkassel/index.htm#top>

Date: Wed, 13 Oct 1999 20:21:53 EDT
From: Ab5wx@aol.com
To: qrp-l@lehigh.edu
Cc: wcarc@chatham.org
Subject: [53124] FOXHUNT: AB5WX Log and report
Message-ID: <0.c5432896.25367c21@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

First of all let me please apologize to the group for not posting my fox announcement on QRP-L prior to the event, as requested. No excuses that you have'nt heard before, and no really great lies that I can think of right now. I will do better before the real hunt begins.

Wow, there was really a lot of activity going on last night!. While I was setting up for my fox run I tuned across the bands and heard many other foxii and plenty of hounds running em down. In fact, I couldn't resist the urge to turn a bit cannabilistic and bagged a pelt of my own off of KQ70. Of course with my respects to the mw king, I lowered the power down to 2 watts (should have gone lower but wanted to make sure I got thru).Thanks for the contact chuck!

Anyway, I finally got sqared away and on the air about 0100z. It soon became apparent that conditions on 40m weren't exactly the best I would hope for but still worked a handful of hounds. With very high line noise and some amount of QSB. It seemed like I was getting mainly Texas stations at first, then a few CO and others came in later.

Rig used was a FT1000d running 5 watts into various antennas (R7000 vertical, 80m loop, and 40m dipole). After the prefox events experience, I will probaly install at least one more dipole in another direction before the hunts begin.

Thanks to everyone that worked me! Hoping to work as many of you as I can in the future. Here is the log of stations worked:

kk5ld	559	tx	dan	5w
kq5u`	559	tx	terry	1603
n0rc	549	co	rod	1764
k5zty	449	tx	bill	473
w5fn	559	tx	tim	586
k5no	559	tx	mark?	?
n4roa	549	va	dan	970
n4so	449	al	ken	622
w5ta	599	tx	dick	1842
af4ps	559	fl	mac	470
ab0go	559	co	dave	785
nf0r	339	mo	dave	33
af5z	579	tx	box	984
nq9rp	549	wi	brian	58?

Thanks!

Dave, AB5WX
Round Rock, TX
QRP-L #1718

Date: Wed, 13 Oct 1999 20:29:21 EDT
From: KB90CE@aol.com
To: ku7y@dri.edu, qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [53125] Re: Cyanoacrylates (Super Glue)
Message-ID: <0.46f675ff.25367de1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 99-10-13 18:14:04 EDT, you write:

> Time to make another filter!
> The sky if falling..... :-)
> 73, Ron, SOWP 5545M,

Ron -

I'm really surprised at you! It's a good thing we don't feel that way here in Northwest Indiana. The government is shipping the plutonium through here that was removed from the Russian missiles. It's coming from New Mexico and going to Canada. The government said not to worry, that it is perfectly safe, and that absolutely nothing can happen. Now it's time to really worry!

What we have here is not as bad as plutonium, but a possible hazard anyway. Remember carbon tet? It too was safe. It too had some precautions. It no longer is available. Why? Because of studies on it's safety and health risks.

Who knows, super glue may be the next carbon tet. Then again it may turn out to be nothing to worry about. I for one would like to know which it may be. Keep an open mind!

73
Mike

Date: Wed, 13 Oct 1999 19:33:09 -0500
From: "Bruce" <n9jcv@wwa.com>
To: <qrp-1@lehigh.edu>
Subject: [53126] Help with 38 Special Please
Message-ID: <000a01bf15db\$bcd41520\$2746ee9d@WWA>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone with advice on this problem? Any and all advice would be greatly appreciated.

Well I finally got around to building my 38 special. I built it with the RIT mod and the 5W final. I had the initial problem of blowing my IRF510 on receive. When in receive I do hear a sidetone. Then I checked the Norcal website and found the fix. I put the fix in place and all works fine.

Here is the problem. When I am in receive mode, all I hear is about 5 cw signals at once. Varying the tuning pot and the RIT pot do not seem to change the frequency.

Now let me tell you what works. If I go into transmit mode in a dummy load, I key down and I can follow my signal on another rig from 10114 to 10128. It would appear to me that the VFO is working properly, at least in transmit. I then went to the web site and took all the voltages that are posted for the ICs, transistors, and diodes. Again everything was what it was supposed to be. The one exception is pin 9 on the 4066. The website said roughly 6.5 volts. I show 0. So maybe the website voltage is wrong??? The website voltages were without the RIT mod. So I try something else. Pin 9 is a output from the switch. So I jumper 6.5 volts to Pin 9, just in case that switch is bad. Still no change, so I figure the 4066 is good. Placing my fingers on the VFO section, do affect the receive frequency. I checked the board for bad solder joints or joints where the should not be. Again all is OK. I checked the components, they are all in the right places.

I am lost. I checked all the voltages. I reasoned this problem thru my limited radio knowledge and still cant find a solution. If you have any

ideas they would be greatly appreciated. I realize the selectivity will be limited with the single xtal filter, but I can not seem to vary the frequency on receive, OR if it does vary, I do not hear anything different.

Thanks in advance
Bruce

Date: Wed, 13 Oct 1999 19:42:07 -0500
From: "Tom Whiteside" <n5tw@igg-tx.net>
To: <rattray@gpfn.sk.ca>
Cc: "Bill Supulveda, K5LN" <k5ln@aol.com>, "Dave Hassell, AB5WX" <Ab5wx@aol.com>, "Bob Helms" <af5z@inetport.com>, <qrp-1@Lehigh.EDU>
Subject: [53127] The Texas Tarantulas Ride Again
Message-ID: <001101bf15dc\$f498b460\$c221f0cd@g517v>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce,

We're real pleased to announce that those dreaded Texas Tarantulas Ride again! Members this time will be:
Bill K5LN, Dave AB5WX, Bob AF5Z and Tom N5TW. Now the first thing you might notice is that we are all foxii this year and, just to avoid any possible questioning of our foxii honor, be it known that the Texas Tarantulas will take no pelts from another member of our team or from being a foxii! We intend to win ANY WAY!!!! Wonder if the other teams will meet this new "Standard of Foxxi honor"??? Catch you in the pileups and listen for those Tarantula hooves right behind ya!

Tom Whiteside
N5TW Georgetown, TX (Remember: Pesky Texans can be your friend...)

Date: Wed, 13 Oct 1999 20:48:01 EDT
From: Dennisskea@aol.com
To: qrp-1@lehigh.edu
Subject: [53128] HSC website?
Message-ID: <0.c1f8bd1d.25368241@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Looking for the website for the pixie-2 kit.
thanks
73 Dennis kc2ccz

Date: Wed, 13 Oct 1999 16:37:44 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: rules@bellsouth.net
Cc: qrp-1@Lehigh.EDU
Subject: [53129] Re: Cyanoacrylates (Super Glue)
Message-ID: <19991013.175347.-280003.3.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I think perhaps the greatest danger of CYA is the possibility of
squirting the stuff in your eyes.
Especially since the stuff has a tendency to plug the tip when stored.

Keeping the fumes away, is a relatively easy thing to accomplish with any
sort of fan.

Anyway, it's probably a good time to end this thread and move on.

73,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 13 Oct 1999 20:54:23 -0400
From: wa4dou@juno.com
To: armin@muskoka.com
Cc: qrp-1@Lehigh.EDU
Subject: [53130] Re: CQ Carl Luetzelschwab question Tennadyne T6
Message-ID: <19991013.205433.-957069.0.wa4dou@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Armin,

I would be interested in hearing whatever you learn about the Tennadyne T6.

Thanks es 73 de Roy Lincoln WA4DOU

On Tue, 12 Oct 1999 18:47:08 -0400 "Armin Hachmer" <armin@muskoka.com> writes:

> Carl, I am looking for your impression of the T6 from Tennadyne.
> My 5 watts need a good beam. Your comments would be appreciated.
>
> Armin Hachmer VE3TEQ
> 'Life is a contactsport'
> armin@muskoka.com
>

Date: Wed, 13 Oct 1999 21:04:25 -0400
From: Bob McKellar <bazooka@execulink.com>
To: qrp-l@Lehigh.EDU
Subject: [53131] RE: PIXIE
Message-ID: <38052C19.56DBB1B1@execulink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dennis:

Try <http://www.e-etc.com/pixie2/pixieD.html>
72
Bob...va3bik
va3bik@rac.ca

Date: Wed, 13 Oct 1999 06:27:34 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-l@lehigh.edu
Subject: [53132] Re: OT: buzz saw - film at 11?
Message-ID: <38047AB6.B208CBB5@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Having been involved at one time with contract negotiations with military personnel regarding usage of the USAF OTHR facility in Maine, I can say that it is still a basic

pulse system similar to what the old Soviet system was, but with a much different pulse structure and rate. Seems that the Air Force, with the current funding structure by DOD could only turn the system on for a limited time, one day per month or some such. Not high on the list of priorities of the administration, so they were looking for other government agencies that had targets in the southern U.S./Caribbean area to assist in keeping the system operational. In addition, the directivity of the system was/is limited to the east coast of the us, into the Caribbean area to about Panama. The central U.S. and west coast would be out of the target area and the signal would be negligible. It was pointed out that due to the sensitivity of the receivers used, the ham bands were excluded in the programmed frequencies of operation. Seems that potentially thousands of ham signals could seriously disrupt the system by overload. The Oz system also operates similarly and as I understand outside the hambands. There has been recent "Woodpecker" othr signals on the 40 meter band but they are very distinctive, and not the mux signal that is in the vicinity of 7040. The SSB signals on 7040lsb 0115 utc, tonite are illegal - fishing boats which may or may not be carrying something other than regular fish - listening closely you can hear the roar of the diesel engines in the background.

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Wed, 13 Oct 1999 20:22:26 -0500
From: "Bill Johnson" <b1ljohn@msn.com>
To: <qrp-1@Lehigh.EDU>
Subject: [53133] FS
Message-ID: <001901bf15e2\$933cf0e0\$ef2a0b3f@bill>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Two items for sale:

1) LDG QRP Tuner. Best of 5 offers over \$100. This includes case and

Manual. No scratches and very clean.

2) Wilderness NC 40A with K-1 freq. read out and keyer. This rig is very clean. Modifications made to include manual and computer keyer jacks on back panel. There is also a DPDT switch on back panel which switch in two additional freq. ranges. Each range is about 50 kHz. This comes with a manual. This radio in kit form with shipping would run easily \$175. I will take best of 5 bids over \$150. Will package deal both together if interested.

Please respond to me directly and not on the reflector.

72,

Bill
K9YEQ
b11john@msn.com
MNQRP Club
K-2 (FT #35), NC-40A, 38S, LDG QRP Auto tuner

Date: 13 Oct 1999 20:22:41 LOC
From: <SFIKE@twa.com>
To: <qrp-1@lehigh.edu>
Subject: [53134] New QRP rig
Message-ID: <19991013.202241.SFIKE@twa.com>

Folks,
I would be interested in hearing your opinion on the new, ruggedized QRP rig that Jim,W7LS has just released! As I don't have web access, let me know what you, who DO have web access, think about this new rig! His site is at www.jja-instruments.com/radio.html

I still fall under the category of an "information-mostly-have-not"!!!

Thanks,
72
Scott

Date: Wed, 13 Oct 1999 21:45:28 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [53135] Re: OT: buzz saw - film at 11?

Message-ID: <3.0.32.19991013214522.00738a2c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:27 AM 10/13/99 -0600, you wrote:

>Having been involved at one time with contract negotiations
>with military personnel regarding usage of the USAF OTHR
>facility in Maine, I can say that it is still a basic
>pulse system similar to what the old Soviet system was,
>-----

>Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
>(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Ray and learned gang,

When 30 first opened I spent a lot of time there and besides the
Woodpecker, there seemed to be another one that would blow your
headphones off. It was a CW note swept in frequency. Anyone remember
that or know what it was? It seemed to follow the MUF.

72/3

Pete NV4V

Date: Wed, 13 Oct 1999 21:44:59 -0400
From: "Al Gritzmacher " <ae2t@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [53136] Re: Contest info web sites
Message-ID: <199910140138.VAA31684@mx.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

On 11 Oct 99, at 19:03, qrp-l@Lehigh.EDU wrote:

> --- Nils R Young <nilsbull@juno.com> wrote:
> > Gang,
> >
> > I gotta get organized here. Well, actually, I have
> > to strip wall paper,
> > repair & paint woodwork, window frames & the ceiling
> > before I can move my
> > collection of suede-o-intellectual paraphernalia
> > into what was my
> > youngest's bedroom. But that's another story.
> >
> > I was listening around today on 10 & 15 & hearing
> > all this CQ TEST stuff.
> > I don't know what test it was, but there was folks
> > testin'. Which brings

> > up the question: I'd bet there's a web site what
> > shows all the contest
> > dates for every known contest without having to go
> > through a million
> > different club web sites (some of which are in
> > language I no savvy),
> > ain't there?

This is late, I know, but I was away for the weekend (portable in PA for the PA QSO Party) and am behind on my mail.

There are many sites that claim to have contest rules, dates, etc., and many of them are out of date. Nothing is worse than finding you used last year's rules, or that the contest that's "always the third weekend" this year fell on the fourth, but the web site was wrong.

The best that I know of and kept meticulously up-to-date, is Bruce Horn's site: <http://www.hornucopia.com/contestcal/>

He also has a mailing list and will send you a weekly list of all the contests for the coming weekind and all the log submission deadlines you are about to come up against!

=====
The amazing thing about QRP is not how many contacts are made, but that they are made at all. Every QSO is a contradiction of conventional wisdom.

72,

Al Gritzmacher, AE2T

QRP-L #1664 QRP-ARCI #9837 K2 #274

ae2t@arrl.net

<http://members.localnet.com/~ae2t/>

QRP - If you don't try, you'll never know!

Date: Wed, 13 Oct 1999 21:44:59 -0400
From: "Al Gritzmacher " <ae2t@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [53137] Re: Contesting ... SS CQWW etc.
Message-ID: <199910140138.VAA31681@mx.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

On 11 Oct 99, at 19:03, qrp-1@Lehigh.EDU wrote:

>
> Chuck, and gang,
>
> One point you haven't mentioned anywhere is the awarding of PINS to
> those who have over 200 Qs. For 40 years I studiously avoided SS
> weekend because it was just too much trouble for a piece of wall paper.
> Then Bob White, W03B, told me you could get a pin for making 200 QSOs.
> I was hooked. Now i have two of them. I missed last year because of
> the hip operation, but I'll be back this year!
>

200 QSOs is easily acheivable by anyone who can put a few hours into the contest. It really is fun, and striving for a PIN is a goal you can work on and still have a lot of fun -- no need to get super-serious, like some of us contest addicts.

I just looked for the heck of it and I have 14 of 'em. Last year made my first ever sweep too. Not QRP, but 100w. Gonna try it soon with the K2 though. That's going to be a serious QRP contest machine!

I used to wish I could contest with a big KW amp, but just couldn't afford it, not in terms of money, but in terms of RFI and work I'd have to do to my station. Now that I've been playing QRP, when I get in a contest with 100 watts, I feel like I'm running a KW! And every contester knows that being loud is 90% FEELING LOUD!

The worst thing you can do is think you can't do something. Just try. You can contest. You can get enough QSOs for a PIN. You can work that rare DX or state you need. Just feel loud and do it. Act like you have a KW even if you don't. 90% of the time the guy at the other end can't tell the difference.

I just got back from a two-op portable operation for the PA QSO Party. We operated from a four-county line in the middle of the Allegheny National Forest. Drove several miles up a logging road, then hiked down a big hill under a power line right-of-way to the monument marking the spot the four corners spot. We set up on the nearest flat spot we could park the motorhome on (we're not mountain goats!) and set antennas up in the trees. We had a ball in the contest and activated some semi-rare counties. It was really fun.

You know, the reason there's so many contests is that the poeple who try them find out how great it is and can't get enough of them! If you sit back and grumble about contests and refuse to try it, you're the one missing out. Give it a try. You don't have to win to

have fun, in fact "winning" a contest has so many definitions, it's almost hard not to.

=====
The amazing thing about QRP is not how many contacts are made, but that they are made at all. Every QS0 is a contradiction of conventional wisdom.
72,
Al Gritzmacher, AE2T
QRP-L #1664 QRP-ARCI #9837 K2 #274
ae2t@arrl.net
<http://members.localnet.com/~ae2t/>
QRP - If you don't try, you'll never know!

Date: Wed, 13 Oct 1999 22:02:53 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [53138] Am I a QRP Old-Timer?
Message-ID: <19991013.205154.7919.1.N5IB@juno.com>

I've been telling folks I'm a newcomer to QRP, though a ham since 1964. But looking back through my logs to find the "dry spell" when I went inactive, the last QS0 log entry before I went off the air for nearly 15 years was:

KA5JXG, John, in Willis TX on 7136
I was using an HW8 (forgot I ever owned one!) in a QRP contest on April 21 of 1984

After that the log is silent until November of 98

So, John, are you out there in QRP-L land, if so, what's your call now?

73
Jim N5IB

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Date: Wed, 13 Oct 1999 21:07:03 -0500
From: "Bruce" <n9jcv@wwa.com>

To: <qrp-1@Lehigh.edu>
Subject: [53139] 38 Special Mystery solved
Message-ID: <001201bf15e8\$cfaed240\$ac44ee9d@WWA>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found it!!!!!! For those interested I had my RIT pot wired to the high side of the tuning pot instead of the low side. I switched the wire, and BLAMMO it works, LIKE A CHARM!!!!!!

Thanks to everyone
Bruce

Date: Wed, 13 Oct 1999 19:14:31 -0700 (PDT)
From: Jeff Furman <jfurman@ocs.net>
To: qrp-1@lehigh.edu
Subject: [53140] Useful basic circuit design info
Message-ID: <Pine.LNX.4.04.9910131851450.3606-100000@ocs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I discovered some new application notes on Texas Instruments' web site with titles such as:
UNDERSTANDING BASIC ANALOG ACTIVE DEVICES;
UNDERSTANDING BASIC ANALOG CIRCUIT EQUATIONS;
UNDERSTANDING BASIC ANALOG PASSIVE DEVICES;
SINGLE SUPPLY OPERATIONAL AMPLIFIER DESIGN TECHNIQUES;
ELECTROSTATIC DISCHARGE APPLICATION NOTE;
ANALYSIS OF THE Sallen-Key Architecture;
EFFECT OF PARASITIC CAPACITANCE IN OP AMP CIRCUITS;
NOISE ANALYSIS IN OP AMP CIRCUITS;
UNDERSTANDING OPERATIONAL AMPLIFIER SPECIFICATIONS

The links to these PDF documents are on the page at this URL:

<http://www.ti.com/sc/docs/products/analog/tlv2464.html>

This page is for a particular quad opamp, but these application notes aren't specific to this part. I guess TI is catching up to some of their competition regarding useful applications information. It may be that today's newly minted digital-only engineers need some analog clues...

73 Jeff KD6MNP

Date: Wed, 13 Oct 1999 22:37:05 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <KB90CE@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53141] RE: Cyanoacrylates (Super Glue)
Message-ID: <NBBBJDEEIFDDANGEGHLBIEKKHEAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

///snip
Northwest Indiana. The government is shipping the plutonium through here
that
was removed from the Russian missiles. It's coming from New Mexico and going
to Canada. The government said not to worry, that it is perfectly safe, and
that absolutely nothing can happen. Now it's time to really worry!
///snip

Hey Mike... you think you could get me some of that stuff? Sounds like it'd
be GREAT for WEIGHTED KNOBS!!!

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Wed, 13 Oct 1999 22:44:52 EDT
From: W1XV@cs.com
To: qrp-l@lehigh.edu
Subject: [53142] OHR 100A (30 meter)
Message-ID: <0.84adbda4.25369da4@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Who had recent posting of an OHR 100A (30 meter version) advertised? Can't

seem
to find it. Tnx es 72 Brad W1XV

Date: Wed, 13 Oct 1999 22:52:48 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [53143] Re: Cyanoacrylates (Super Glue)
Message-ID: <19991013.225343.-219349.2.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

This is a serious post... no humor involved

There has been a version of "super glue" available to model airplane builders for a number of years now that is not threatening to ur health as the normal super glue... it costs a bit more but the fumes won't kill u...

I used the stuff when I was building model planes and it worked fine and did not give the fume grief that the ordinary sg did...

I suggest a model airplane magazine should advertise it or perhaps u could find it on the web under model airplane supplies or suppliers...

U might inquire about what happens when u heat the stuff as the only time I would have heated it would have been due to an unplanned landing resulting in a fire.

Joel KE1LA
In Maine

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Date: Wed, 13 Oct 1999 22:49:01 EDT
From: ka7you@juno.com
To: kory@avatar.com
Cc: qrp-1@Lehigh.EDU
Subject: [53144] Re: Pre-wired 2.1mm power plugs
Message-ID: <19991013.195127.6895.3.ka7you@juno.com>

Kory and all,

The Pre-wired 2.5mm and 2.1 mm coaxial plugs are available at All Electronics (1-800-826-5432). They have a 'heavy duty' 2.1mm version molded to a 5 foot black SPT-2 cable with a fused cigarette lighter plug on the other end. Item # CLP-39 @ \$1.25 each. The catalog says they have

a large quantity, and quote a price of \$90 for a 100 quantity buy, and \$700 for a 1000 quantity buy.

They also have one with a coiled cord and fused lighter plug with a LED power indicator for \$2.75. Item # CLP-26

There are several choices for the 2.5mm size also.
www.allcorp.com

No connection here, but I've been a happy customer for many years.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
80M thru 10M with K2 s/n268 and other fine QRP rigs.
VHF thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

On Tue, 12 Oct 1999 11:41:39 -0700 "Kory Hamzeh" <kory@avatar.com>
writes:

>
>Does anyone know a source for 2.1mm power plugs that come pre-wired
>with at
>least 18 ga. wire? All of the stuff at Mouser (and other sources I've
>found)
>use much thinner wire or they are 2.5mm.
>
>Thanks,
>Kory
>AC6RN
>

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Date: Wed, 13 Oct 1999 23:14:45 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [53145] Re: RF emission for non-hams [OT]?
Message-ID: <38054AA5.D9EB976A@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Glen Leinweber wrote:

>

> May have found a way to introduce QRP radio
> emissions to non-ham engineering students....
>
> I understand that British (and American?)
> experimenters can transmit VLF radio under
> certain antenna and power restrictions. Do
> they have to be licenced? Anyone know
> the Canadian rules for VLF experimenters?

Glen,

I don't, but Joe Cooper does:

http://www.provcomm.net/pages/joe/canadian_lowfer.htm

He runs a mailing list similar to QRP-L, but for LF ops. His Web page can point you to other resources.

A good place to look "south of the border" is the Longwave Club of America:

<http://www.lwca.org>

They'll have technical info, including links to fellow experimenters across the pond.

As far as I know, LF experimentation in Canada and the US requires no license, but there are some pretty strict limits on power and antenna structure.

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13if
dlh1009@rit.edu

Date: Wed, 13 Oct 1999 23:31:59 -0400
From: The Boices <boice@bigfoot.com>
To: qrp-l@Lehigh.EDU
Subject: [53146] Re: QSL question Part II
Message-ID: <3.0.6.32.19991013233159.007b9630@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Many, many thanks to all who answered my questions. Between the 2

questions, I received over 2 dozen replies! Man, this list is something.

I've been licensed for almost 18 years, but never really did the DX thing before. Ironically, I'm having the best luck and most fun while QRP! In the last 6 weeks alone (since moving to Maine), I've worked 20 DXCC countries, most of them new. This is in addition to the 15+ I worked back in May (from Texas) during the CQ WPX contest. Only 1 was 10 watts, and the rest were 5 or lower. Amazing what a little flux can do for a guy!

Of course, being closer to Europe and Africa never hurts, either ;-). Tho I am further from Tokelau now, but I won't quibble over that one!

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw

Date: Wed, 13 Oct 1999 21:45:31 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Bruce <n9jcv@wwa.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53147] Re: Help with 38 Special Please
Message-ID: <Pine.SUN.4.10.9910132128210.23940-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 13 Oct 1999, Bruce wrote:

> Here is the problem. When I am in receive mode, all I hear is about 5 cw
> signals at once. Varying the tuning pot and the RIT pot do not seem to
> change the frequency.

Check the voltage at the junction of L1 and D3 ... it should vary from about 0V to 8V as you go through the tuning range. If not, check that you have ground and +8V on the ends of the pot. If that's OK, then check the orientation of D3, and make sure it is the 1N4004 diode, not anything else. It must be oriented properly, as shown on the schematic, for the variable capacitance function to work.

> transmit. I then went to the web site and took all the voltages that are
> posted for the ICs, transistors, and diodes. Again everything was what it
> was supposed to be. The one exception is pin 9 on the 4066. The website

> said roughly 6.5 volts. I show 0. So maybe the website voltage is wrong???

Pin 9 of the 4066 is the NE602 output ... which is roughly 1/2 the applied Vcc (of 8V), or a bit more. Check to see if the 0V is also on pin 4 of U3. The trace from U3-4 to U2-9 could be opened, or a solder splash is grounding it out. 0V on U3-4 is definitely not right. With power off and U3 removed, check to see if U3-4 is grounded with a DVM. That would suggest a solder bridge short along the trace.

> I am lost. I checked all the voltages. I reasoned this problem thru my
> limited radio knowledge and still cant find a solution. If you have any
> ideas they would be greatly appreciated. I realize the selectivity will be
> limited with the single xtal filter, but I can not seem to vary the
> frequency on receive, OR if it does vary, I do not hear anything different.

Also check that things are switching properly between receive and xmit.
Check the voltages at the T-R drive gate, U4 pins 13 and 14.

Pin 13 = >6v on rcv, 0v on xmit

Pin 14 = 0v on xmit, >6v on rcv

Ensure the diodes that switch things between receive and transmit, namely D4-D7, are installed in the proper orientation and have the proper TX- or RX- voltages on them.

I still think you have something shorted out to ground after one of these switching diodes that is keeping the function from switching into receive properly.

Your troubleshooting steps so far are exactly right. You're on the right track and reasoning things out very well so far. You'll find it!

GL and 72,
Paul NA5N

Date: Wed, 13 Oct 1999 21:50:09 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Bruce <n9jcv@wwa.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53148] Re: 38 Special Mystery solved
Message-ID: <Pine.SUN.4.10.9910132146130.23940-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 13 Oct 1999, Bruce wrote:

> I found it!!!!!! For those interested I had my RIT pot wired to the high
> side of the tuning pot instead of the low side. I switched the wire, and
> BLAMMO it works, LIKE A CHARM!!!!!!
>
> Thanks to everyone
> Bruce

000PS ... sorry for the bandwidth. This is what I get for not reading ahead. I've been virtually off line past few days while our annual Star Party was ongoing, and trying to clear out over 600 emails. Then get to do it again when I get back from PacifiCon :-)

Good job, Bruce, in figuring it out. See, you can find your way through the schematic and the circuit better than you give yourself credit for.

72, Paul NA5N

Date: Wed, 13 Oct 1999 21:00:15 -0700
From: Russ Dow <n7dw@garlic.com>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53149] Re: Power Connectors
Message-ID: <3805554F.85B55E61@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi George and the list,

BINGO! That must be why the power connector on my FT900 uses 4 of the 6 pins, instead of just two or all six. I wondered why they did that. Learn something new every day. Guess I ain't dead yet. I sometimes wonder about that, too! :)

73,
Russ N7DW

George T. Baker wrote:

>
> Recommendations:
>
> 1. Radio Shack carries a pretty full line of Molex connectors of the type
> ARRL sanctioned.

>
> 2. Multiple pins can be paralleled to handle larger current loads.
>

Date: Thu, 14 Oct 1999 00:16:15 -0400
From: Russ Hines <radioruss@fuse.net>
To: dandoooley@pipeline.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53150] Re: power
Message-ID: <3805590F.79A5D5D4@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dan:

Magnetrons are in microwave ovens, and "those" was spelled correctly.

73,
WB8ZCC

Dan W. Dooley wrote:

>
> Not to mention recycled Magnetrons - or are they Klystrons - from old
> microwave ovens. I understand that some have found their way onto ham
> microwave bands. Did I spell those right?
>
> Dan WB5TKA

Date: Thu, 14 Oct 1999 14:37:46 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53151] Download program
Message-ID: <38055E1A.5FF3B01F@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I know everyone likes to download all the beaut files/programs
recommended on this list. Here is an unabashed commercial.

My favourite (and IMHO the best) download program is Go!Zilla and you can get it FREE by clicking on the graphic on my page:

<http://www.integritynet.com.au/~purdic/gozilla.htm>

I'm up front, Yes Mr. Go!Zilla is paying me a few cents for each visitor. Thanks BW

Please resume normal program.

72/73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

Date: Wed, 13 Oct 1999 21:37:48 -0700
From: Russ Dow <n7dw@garlic.com>
To: Dennisskea@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53152] Re: HSC website?
Message-ID: <38055E1C.F9D7E9E2@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dennis,

HSC (Halted Specialties Co.) has a website at this address:

<http://www.halted.com>

Darn. Why can't I make this a link? Done it before. Chalk it up as another senior moment...

I don't know if you'll find any Pixie info, but that's HSC's address.

73,

Russ N7DW

Dennisskea@aol.com wrote:

>

> Looking for the website for the pixie-2 kit.
> thanks
> 73 Dennis kc2ccz

Date: Wed, 13 Oct 1999 19:03:21 -1000
From: "Art Neilson, AH6PZ" <art@hawaii.rr.com>
To: ku7y@dri.edu
Cc: qrp-1@lehigh.edu
Subject: [53153] Re: Cyanoacrylates (Super Glue)
Message-ID: <3.0.6.32.19991013190321.008cb210@clients1.hawaii.rr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Paranoia strikes deep. Into your life it will creep.
It starts when you're always afraid... step out of line
the man come and take you awaawy!!!

Seriously there are more important things in life to worry
about than whether that whiff of super glue is gonna shorten
your life expectancy somehow.

Focus on keeping your job, paying the mortgage, putting the
kids thru college et cetera.

If you really want to worry about something, you are much more
likely to get killed in a car crash than anything else.
Stay alert and drive safely.

At 03:10 PM 10/13/99 -0700, you wrote:

>On Wed, 13 Oct 1999, Randy Jouett wrote:

>

>

>

>> That's because trace amounts of some materials can kill,

>

>Oh Horse feathers!

>

>Come the day I worry about trace amounts of things that we
>have all been around every day of our lives is the day that
>I want to die!

>

>This is so far off topic from anything that really pertains
>to radio or QRP that it's not worth anyones time reading
>anymore! If it ever was in the first place.

```

>
>Time to make another filter!
>
>The sky if falling..... :-)
>
>73, Ron,      SOWP 5545M,
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@dri.edu.....Washoe Lake, Nevada....
>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>
--
/*
 *  /  )    _/_  It is a capital mistake to theorise before one has data.
 *  /--/  _  /    Insensibly one begins to twist facts to suit theories,
 *  /  ( _/ ( _<__ Instead of theories to suit facts.
 *                               -- Sherlock Holmes, "A Scandal in Bohemia"
 * Arthur W. Neilson III, AH6PZ
 * Bank of Hawaii Tech Support
 * art@hawaii.rr.com
 */

```

```

-----

Date: Thu, 14 Oct 1999 02:10:46 -0400
From: "Al Gritzmacher" <ae2t@arrl.net>
To: qrp-l@Lehigh.EDU
Cc: rwc@frii.com
Subject: [53154] Re: Power Connectors
Message-ID: <199910140604.CAA06425@mx.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

```

```

>Subject: [53085] Power Connectors
>Message-ID: <19991013110213.58789@frii.com>
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>
>Folks:
>
>I'm looking for a good "universal power connector". (Something
>higher tech than wire nuts Ron, ;-)
>
>The ARRL handbook recommends a particular Molex device, but I
can't
>seem to find both the male/female device locally, Mouser,

```

Digikey.....

>And, the 8 Amp rating seems too low for some things like a VHF/UHF

>50W mobile rig, my IC-207 draws 10-12 amps at max Pout.

>

>Recommendations?

>

>My plan:

>

> Power Supplies Cables/Conn. Equip.

> Gel Cell +----->>-----= HT's

> Auto Batt %----->>-----* Mobiles, VHF/UHF

> Switchers 8----->>-----@ QRP Rigs

> Linear P/S 0----->>-----& Watt Meters, other acces.

> Solar cell ()----->>-----E Laptops

> Whatever ?----->>-----? Whatever

>

> +, %, %, 0, (), ? = pwr src conn. fastons, cig lighter

> alligator clips, wires nuts... whatever

>

> =, *, @, &, E, ? = coaxial conn., molex types, wire nuts

> alligator clips, scotch tape... whatever.

>

> >> = the universal connector pair

>

>The idea is when I get some thingy that requires power, I'll make

>a cable with the thingy's connector and my standard connector.

For

>all my power sources I'll make a cable for it with the mating

>connector to my standard. Then I can power anything form

anything.

>

>I also want to make a "patch panel", so that one (possibly more) sources

>can more power multiple devices. Maybe I'll even add voltage & current

>monitoring to the panel.

>

>--

>72/3 Rod, NØRC

>da di dah

Rod,

Check out <http://www.dcpwr.com> DC Power is run by Wes Allen K7WWG.

He has some Anderson Powerpole connectors that are great for

this type of thing. I bought a couple of bags from him at Dayton and will soon have to buy more. They are perfect for what you want to do.

Anderson is a commercial manufacturer of high-reliability connectors for industry. If you've ever seen a power connector on a battery powered fork lift, you've seen the type of connector they make. These are just a smaller version.

They are a genderless connector. No male or female half, so the same connector goes on either the power supply or the load. Yet, polarity is preserved. One ham I showed these to could not believe this, yet it is true. You

can outfit a rig, a battery and a power supply with these and power the rig with either the battery or the power supply. Yet, you can then plug the battery into the power supply and charge it (you decide how to control the voltage/current) without any change to the connectors. You could plug a battery into another battery (say by accident) and not cause any disasters because the polarity would match. (This may not be good for the batteries, but it is better than the explosion that would result if polarity was reversed.)

I won't attempt to describe them physically here, just look at the web page. They are cleverly simple and while not cheap, are worth it for standardizing everything in your shack. Actually, they are not that expensive either, with a 10-pack around \$9, you'd pay more at RS for molex connectors, which are not nearly as good.

There have been several "universal" connector systems proposed for ARES etc. I remember the two-pin "Jones" plug being a semi-standard. And the Molex plugs. This is better and Wes claims they are now considered the ARRL ARES standard connector, although I have been unable to find anything from the ARRL that says so.

In any event, I've tried them and like them. A couple of other hams who saw them have liked them enough to mail order them from Wes. They might be what you and a lot of other QRPers are looking for.

Al Gritzmacher ae2t@arrl.net
<http://members.localnet.com/~ae2t/>

Thought for the day:

Advertising (n): the science of arresting the human

intelligence for long enough to get money from it.
-- Stephen Leacock.

Date: Thu, 14 Oct 1999 02:23:12 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [53155] Cyanoacrylate
Message-ID: <3.0.32.19991014022308.0068589c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang
Randy has made some good points and so have others. pro and con.
In the memorable words of Henry Kissinger "We must try to remain
calm".
73 Pete NV4V
PS GET on the airwaves or "melt solder"...love that one...

Date: Thu, 14 Oct 1999 02:47:31 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53156] Re: Cyanoacrylates (Super Glue)
Message-ID: <000401bf1626\$270858d0\$2fe83cd0@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 13, 1999 5:10 PM
Subject: Re: Cyanoacrylates (Super Glue)

> > That's because trace amounts of some materials can kill,
>
> Oh Horse feathers!
>
> Come the day I worry about trace amounts of things that we
> have all been around every day of our lives is the day that
> I want to die!

Ron, I'm not talking about trace amounts of every-day compounds. I'm talking about trace amounts of cyanide, dioxin, mercury, lead, and other NASTY chemicals that can cause all types of birth defects, mental problems, cause cancer, and in the long run kill.

We've been talking about cyanide because its a chemcial component found in cyanoacrylate, and that's what most people are using to build the 2N2/40, which most definately a QRP-related topic. Regular use of the stuff in a well-ventilated environment should be ok, but every once in a while people are burning stuff, vaporizing it, and putting low levels of cyanide into the air. That is not cool, and some of it can fall to the copper-clad board and into the room. Touch the board too much, get the stuff on your fingers, and wipe your mouth, and you could be asking for trouble. Also, breathing trace amounts in non-ventilated areas can most likely cause medical problems, at the very least.

> This is so far off topic from anything that really pertains
> to radio or QRP that it's not worth anyones time reading
> anymore! If it ever was in the first place.

Maybe it's not worth your time or trouble, but that's ok. Filter this subject, hit the delete key, or do whatever floats your boat. If the rest of us want to get to the bottom of this situation, we should be able to use QRP-L to do it, especially when it concerns a lot of people here.

Also, I shouldn't have to write messages like this and wouldn't have if you wouldn't have said your "this message is stupid" remark in you previous message and in this message here. Don't you realize that you are calling multiple people here on this list idiots with these remarks? How do you think they are going to react? HMMMMMM.

> Time to make another filter!

Sounds like a good thing for you to do. Enjoy the silence. :^)

> The sky if falling..... :-)

This might be a visual hallucination caused from smelling too much burning cyanoacrylate and it just looks like it's falling :^) :^).

72/73,

Randy Jouett, AB5NI

Date: Thu, 14 Oct 1999 07:46:49 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [53157] Standards was Re: Power Connectors
Message-ID: <38057C59.581833D2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The wonderful thing about standards is that there are so many to choose from.

There are lots of 'so-called' standards for power connectors but it seems that every where you go someone is using a different one so it does no good at all to pick one.

If you are in a Local ARES group and they have a LOCAL standard, then you probably want to outfit to that standard. Just be aware that as soon as you go as far as the next county your connectors will probably not fit.

Molex 8amp connectors are rated for continuous commercial service. I have never had one fail in intermittent service running to 30 amps and more.

The Anderson connectors are great, but there are still different sizes and it is possible to wire the polarity different from other people so the 'reversed' connection problem is still there as soon as you want to connect to somebody elses gear.

The answer, pic a connector you like and use it.

michael N6CHV

Al Gritzmacher wrote:

> There have been several "universal" connector systems proposed for ARES etc. I remember the two-pin "Jones" plug being a semi-standard. And the Molex plugs. This is better and Wes claims they are now considered the ARRL A
> RES standard connector, although I have been unable to find anything from the ARRL that say so.

Date: Thu, 14 Oct 1999 07:10:28 -0500
From: Nick Kennedy <nkennedy@cswnet.com>
To: qrp-1@Lehigh.EDU
Subject: [53158] Test
Message-ID: <3805C834.33F0C04@cswnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Boy, it's hard to post a message when your main computer's broke.

Nick, WA5BDU

Date: Thu, 14 Oct 1999 07:45:19 -0500
From: Nick Kennedy <nkennedy@cswnet.com>
To: qrp-1@lehigh.EDU
Subject: [53159] TT-2 & 2nd Harmonics
Message-ID: <3805D05F.E63FC92A@cswnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Postings regarding the 2nd harmonic content of the TT-2's output have been interesting. I had some of the same observations and problems with my Pixie-2.

One factor brought up was that the unfiltered collector voltage of a more-or-less class C amplifier would be a square wave. And square waves are known to contain only the fundamental and odd harmonics. But is that true for any old square wave, or just for those of 50% duty cycle?

I've inhaled too much super glue and solder fumes to attempt Fourier analysis, but I did try to rig a crude harmonic analyzer using Electronic Workbench. It has a function generator that will give you a square wave with adjustable duty cycle. I used series resonant filters to separate the fundamental and 2nd and 3rd harmonics. Here's what I

came up with--

For 50% duty cycle, 2nd harmonic is 28 dB down and 3rd is 9 dB down.
(Actually, the waveform of the 2nd looked pretty gnarly and was probably just an artifact.)

For 25% duty cycle, the 2nd and 3rd were both 9 dB down.

For 10% duty cycle, the 2nd was at 1 dB down and the 3rd at 2 dB down.

So it seems the 2nd harmonic is getting stronger as the conduction angle gets smaller. So maybe when we have too much 2nd harmonic content, we're just not hitting the base with enough drive.

72 (and to a lesser extent, 144 and 216),

Nick, WA5BDU

Date: Thu, 14 Oct 1999 05:56:43 -0700 (PDT)
From: Philip Karras <ke3fl@yahoo.com>
To: qrp-l@lehigh.edu
Cc: ke3fl@arrl.net
Subject: [53160] Sangean ATS 818 receiver, repair?
Message-ID: <19991014125643.21776.rocketmail@web106.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Anyone have a schematic for this thing? It belongs to Rachel K5?? who is in a mental institution at present. I've gotten the main problem fixed, a fried part in the power lines (A 1020 Y:. 4J')??? looks like a small plastic transistor but taller & it isn't a transistor since power was expected on two output pins, one input pin.

Also, the rig sort-of turns itself back on after 6 seconds. ?? If it's in AM mode it comes back on with white noise, no demodulated signal until the on-button is pressed again. If in FM mode it has the demodulated signal. Either way the frequency display is non-functional until the on-button is pressed again.

Needs a new handle as well.

That's it. If anyone can help with getting parts or schematic it would be appreciated. She doesn't have

money so I'm doing this for free (to her).

She wants it back so she can at least listen to some
CW again. She's really low power output: 0.000 mW. :)

please respond directly to:
ke3fl@arrl.net
or
ke3fl@juno.com

tnx & 72 & 73
de KE3FL
Phil K

=====
Phil Karras, KE3FL
ke3fl@arrl.net
Alt: ke3fl@juno.com
Web: <http://www.qsl.net/ke3fl>

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Thu, 14 Oct 1999 09:05:24 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [53161] Re: TT-2 & 2nd Harmonics
Message-ID: <3805D514.481BAB16@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Nick Kennedy wrote:

> One factor brought up was that the unfiltered collector voltage of a
> more-or-less class C amplifier would be a square wave. And square waves
> are known to contain only the fundamental and odd harmonics. But is
> that true for any old square wave, or just for those of 50% duty cycle?

Nick,

The fussy definition of a square wave puts the duty cycle at 50%. Even
harmonics tend to distort the symmetry (duty cycle) of a signal. (FWIW,
even harmonics will cause a DC offset to appear, as well - the average

level of the signal will appear to move up or down depending on whether the "wider" half of the signal is above or below 0.)

> For 50% duty cycle, 2nd harmonic is 28 dB down and 3rd is 9 dB down.
> (Actually, the waveform of the 2nd looked pretty gnarly and was probably
> just an artifact.)

> For 25% duty cycle, the 2nd and 3rd were both 9 dB down.

>

> For 10% duty cycle, the 2nd was at 1 dB down and the 3rd at 2 dB down.

>

> So it seems the 2nd harmonic is getting stronger as the conduction angle
> gets smaller. So maybe when we have too much 2nd harmonic content,
> we're just not hitting the base with enough drive.

One of the definitions of a Class C amp is that it conducts for less than 180 degrees of the input signal. That will cause the duty cycle to be other than 50%.

I don't know what it would do to the efficiency of an amplifier to run it at exactly 50% duty cycle, but it should reduce the even harmonic.

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Thu, 14 Oct 1999 06:58:10 -0600
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Subject: [53162] W5 DX QSL Bureau {lots of QRPers on the list}
Message-ID: <19991014.070258.-997129.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

<http://www.ametro.net/mdxa/buro.html>

FYI, lots of QSL cards awaiting their owners in the W5 QSL bureau {Texas, Mississippi, Arkansas, Oklahoma & New Mexico}. I had noticed some infamous W5 QRP types on the bureaus list.

72...Jay, WA5WHN DM65pp Ponderosa, NM USA

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 14 Oct 1999 07:28:22 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Tom Whiteside <n5tw@igg-tx.net>
Cc: "Bill Supulveda, K5LN" <k5ln@aol.com>, "Dave Hassell, AB5WX" <Ab5wx@aol.com>, Bob Helms <af5z@inetport.com>, qrp-1@Lehigh.EDU
Subject: [53163] Re: The Texas Tarantulas Ride Again
Message-ID: <Pine.LNX.3.95.991014072302.3256A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OH NO!.....all those legs and hair and those EYES!!...and the mess when stepped on!!....yuk.....wait a minute, these are the TEXAS variety....oh well no need to worry about any mess because Texans are tough....but still those many legs....HI HI HI...seriously Tom welcome back and I wish your team the best of luck as 18 teams now try for the Team plaque....good luck in the hunt to the TEXAS TARANTULAS!....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Thu, 14 Oct 1999 08:31:51 -0500
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>
To: qrp-1@Lehigh.edu, giamman@rouge.phys.lsu.edu
Subject: [53164] Buzzsaw on 7 MHz band
Message-ID: <3.0.1.32.19991014083151.007bbb70@rouge.phys.lsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For another spectrum plot of the buzzsaw signal, done with the program, Spectrogram, point your browser to:

<http://www.qsl.net/n5ib>

Jim N5IB

Jim Giammanco, Instructor (504) 388-8278
LSU Department of Physics & Astronomy (504) 388-5855 fax
202 Nicholson Hall giamman@rouge.phys.lsu.edu
Baton Rouge, LA 70803-4001

Date: Thu, 14 Oct 1999 07:36:05 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Tom Whiteside <n5tw@igg-tx.net>
Cc: "Bill Supulveda, K5LN" <k5ln@aol.com>, "Dave Hassell, AB5WX" <Ab5wx@aol.com>, Bob Helms <af5z@inetport.com>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@Lehigh.EDU>
Subject: [53165] Re: The Texas Tarantulas Ride Again
Message-ID: <Pine.LNX.3.95.991014072914.3256B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 13 Oct 1999, Tom Whiteside wrote:

> possible questioning of our foxii honor, be it known that the Texas
> Tarantulas will take no pelts from another member of our team or from being
> a foxii! We intend to win ANY WAY!!!! Wonder if the other teams will
> meet this new "Standard of Foxxi honor"??? Catch you in the pileups and
> listen for those Tarantula hooves right behind ya!
>

...as of this moment, the policy has been that if you are a fox and also a team member, on the night you are "foxing about" you automatically receive 1 point for your Team.....so I'm wondering what everyone thinks about the "Texas Tarantulas Challenge?".....if I receive a number of e-mails wanting to adopt the proposed "Standard of Foxxi Honor" then I will change the guidelines....it's YOUR Team fun-time competition....please let me know before the first fox hunt.....thanks agn Tom.....72 - Bruce (VE5RC+VE5QRP)

> Tom Whiteside
> N5TW Georgetown, TX (Remember: Pesky Texans can be your friend...)
>

Date: Thu, 14 Oct 1999 09:44:35 -0400

From: "Buck, Preston D" <BuckPD@corning.com>
To: "'qrp-1'" <qrp-1@Lehigh.EDU>
Subject: [53166] QRP presentation at local club
Message-ID: <9C472CF03C5ED111BBF20000F84A17010125BE46@EAGLE.CORNING.COM>
Content-Return: allowed
Mime-Version: 1.0
Content-Type: text/plain

Greetings all,

Last night I presented NJ QRP club's slides on QRP at my local club. There was a big thunderstorm brewing/happening so attendance wasn't as high as it could have been but it seemed to go over well. I brought a bunch of magazines, qrp books and toys so people had lots to play with. I borrowed an LCD projector from work and used my laptop to run powerpoint, which made things pretty easy. Nobody fell asleep or threw vegetables - a successful talk.

Did I make any converts? Not yet. The hang-up seems to be a resistance to CW by some of the people. Some of the older guys weren't hung up by the code and will probably consider it. One gentleman borrowed one of my W1FB books but I believe he is more interested in the homebrew aspect more than anything else. Time will tell but I can probably get a CW QRP station at the club's next Field Day without any problem. I will have to check out the QRP-L member list to see if any club members joined the list.

Thanks to the NJ QRP club for posting their presentation. It would have take me a lot of time to match the quality of their presentation.

On a different topic:

I got to visit with Graham G3MFJ on a recent business trip to the U.K. I truly had a wonderful time visiting with him and his family. I even signed up for G-QRP. Just proves to me that hams in general and QRPers in particular are pretty good folks.

Preston, n0g1m, Souther NY State

My words, not my employer's

Date: Thu, 14 Oct 1999 08:58:23 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <rules@bellsouth.net>, "'Low Power Amateur Radio Discussion'" <qrp-

l@Lehigh.EDU>
Subject: [53167] RE: Cyanoacrylates (Super Glue)
Message-ID: <000301bf164c\$2f05d460\$ef5d6f81@uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There is no need to worry about the cyanide that you might get from Cyanoacrylate glues. Even if you burn the stuff it would take an extremely large amount to cause any damage. Your body is extremely efficient at detoxifying itself of cyanide unless the initial dose is fatal. It does not "build up" in your system at all. When you burn Cyanoacrylates the fumes are extremely irritating to the eyes and the lungs so I doubt that you could get a fatal or even harmful dose that way either unless you were in a closed room and it was filled with the cyanoacrylate smoke. Your body's own reflexes (coughing and tearing) would prevent it under normal circumstances.

So, bottom line is, unless you have asthma or some other serious lung disorder the breathing of small amounts of the smoke from cyanoacrylate glue during soldering won't hurt you other than making you cough when you breath it and say bad words when the smoke hits your eyes.

[soapbox on]
Some out there have said that this is an unnecessary waist of bandwidth because it is somehow "off topic." I believe that ANYTHING involving safety IS ALWAYS "ON TOPIC." Arguing over whether or not it is off topic IS a waist of bandwidth! So there!
[soapbox off]

Kevin, WB5RUE

Leeniers? We dunt need no steenkink leeniers!

Date: Thu, 14 Oct 1999 10:01:04 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: qrp-l@Lehigh.EDU
Subject: [53168] WTB Drake 500hz,6000hz filter
Message-ID:
<Pine.LNX.4.04.9910140951060.2661-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need a 500hz filter and AM filter for a Drake R4C. I could also use some WARC band

crystals plus 160M and 10 meter crystals.
Price or will trade

items to trade
St Louis tuner kit (unbuilt)
2 4-400A tubes/ceramic sockets (one full out other not)
Pair of 5 watt solar panels (new)
2 16uF 4500volt caps
1 32 uF 4500volt cap

I want to use this with my TT2.

73,

Jim

Date: Thu, 14 Oct 1999 10:05:20 -0400
From: "Scott, Gary" <gary.scott@bellhowell.infolearning.com>
To: Low Power Amateur Radio Discussion <grp-1@Lehigh.EDU>
Subject: [53169] OT RE: Cyanoacrylates (Super Glue)
Message-ID: <ACB991DAAFC9D011B0A700805FC1AF1804D50D84@zeeb-nt01.umi.bhowell.com>
MIME-Version: 1.0
Content-Type: text/plain

OK, at the risk of being banned from my favorite listserv (I have my bags packed) I had a professional researcher look into this issue and below is what he found. If anybody is interested in more information or wants to know the source of the information they can email me directly.

just cover	Q: Is cyanoacrylate toxic, and does odorless CA
	up what will still be toxic effects?
are a	A: Cyanoacrylate is not toxic! The fumes from CA
irritate	vaporized form of the cyanoacrylate monomer that
They	sensitive membranes in the eyes, nose and throat.
into	immediately are polymerized by the moisture in the
	membranes and become inert. They do not penetrate

human internal systems. In fact, CA that is used to suture wounds avert some of the infections that occur in stitched wounds. It also eliminates the need for stitch removal because it sloughs off along with the outer layer of skin after a couple of weeks. Cyanoacrylates have been successful in grafting skin, bone and cartilage; repairing eyes; closing dangerously ballooned blood vessels in the abdomen; and stopping spinal fluid leaks.

About 5% of the population can become sensitized to CA fumes after repeated exposure. Just a small exposure can result in flu-like symptoms

> Bell & Howell Information and Learning (formerly UMI)
> Gary Scott
> Supervisor of Electronic Technical Support
> Phone: 1-800-889-3358 ext: 2385
> Fax: 1-734-662-4554
> Email: Gary.scott@bellhowell.infolearning.com
>
>
>
> -----

> From: Kevin Muenzler WB5RUE[SMTP:wb5rue@stic.net]
> Reply To: wb5rue@stic.net
> Sent: Thursday, October 14, 1999 9:58 AM
> To: Low Power Amateur Radio Discussion
> Subject: RE: Cyanoacrylates (Super Glue)
>

> There is no need to worry about the cyanide that you might get from
> Cyanoacrylate glues. Even if you burn the stuff it would take an
> extremely
> large amount to cause any damage. Your body is extremely efficient at
> detoxifying itself of cyanide unless the initial dose is fatal. It does
> not
> "build up" in your system at all. When you burn Cyanoacrylates the fumes
> are extremely irritating to the eyes and the lungs so I doubt that you
> could
> get a fatal or even harmful dose that way either unless you were in a
> closed

> room and it was filled with the cyanoacrylate smoke. Your body's own
> reflexes (coughing and tearing) would prevent it under normal
> circumstances.
>
> So, bottom line is, unless you have asthma or some other serious lung
> disorder the breathing of small amounts of the smoke from cyanoacrylate
> glue
> during soldering won't hurt you other than making you cough when you
> breath
> it and say bad words when the smoke hits your eyes.
>
> [soapbox on]
> Some out there have said that this is an unnecessary waist of bandwidth
> because it is somehow "off topic." I believe that ANYTHING involving
> safety
> IS ALWAYS "ON TOPIC." Arguing over whether or not it is off topic IS a
> waist of bandwidth! So there!
> [soapbox off]
>
> Kevin, WB5RUE
>
> Leeniers? We dunt need no steenkink leeniers!
>

Date: Thu, 14 Oct 1999 10:10:46 EDT
From: Robsparks@aol.com
To: qrp-l@lehigh.edu
Subject: [53170] AR QRP 40m Net results
Message-ID: <0.33237c52.25373e66@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The AR-QRP Net 3 QNIs last night. The band conditons were deplorable, to say the least. If you tried to QNI last night and I missed you, sorry! Lets hope for better propagation next week! The net freq of 7.042 was free at gate time. The net started at 0030Z and ended at 0047Z. The net is a fun place to just listen and brush up on CW, even if one does not choose to QNI! Thanks to those who participated! Here are the stations that checked in:

AB5WX Dave
AE4Y Kent
N5IB Jim

The NCS was Bob AB5ZD, using the AR QRP Club call NQ5RP, a Kenwood 450 running 5 watts to a G5RV up about 25 feet in pecan trees from QTH

Alexandria LA. Orientation of the ant wire is NNW to SSE. Following is a list of Arkansas QRP Club nets:

Monday Night	0030Z	3.560 MHz
Wednesday Night	0030Z	7.042 MHz

Non-members are welcome (and encouraged) to QNI!

72,

Bob AB5ZD

Date: Thu, 14 Oct 1999 08:21:31 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [53171] FS OR TRADE
Message-ID: <199910141419.IAA20003@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The following items are for sale or trade for QRP items/Operational Amplifiers second ed by GB Clayton/Fundamentals of Logic Design third ed by Charles H Roth Jr./Bill OrrsNineteenth ed 1972 Radio Hand Book/Bill Orrs sixteenth ed Radio Handbook/1946,1967,1975,1976,1977,1982 AARRL Hand Books/ Palamor noise bridge/Hellicrafters S120 Recvr/ Science Far Globe Patrol regenerative RecvrMFJ 945D antenna tunner. Contact Cal at colcal@srv.net or 208-357-7431 Thanks for the BW

Date: Thu, 14 Oct 1999 10:21:20 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53172] Re: Standards was Re: Power Connectors
Message-ID: <042f01bf1650\$0937a660\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We seem to hit this topic a lot, and without getting too emotional, I'll just say that whatever you pick you have to weigh that against what others may use in any group you may choose to interact with.

But that doesn't mean you have to use someone else's idea for your standard. Use what YOU want to. Standardize all your own rigs, then just make up a couple of interfaces to the other 'standard'.

Personally I use the 4-pin molex thing that RS sells. Yeah, the current rating isn't that high, but they sell higher current connectors for much more money in the 2-pin. In fact, the 2-pin they sell in two different current ratings.

But I use the 4-pin, mainly because that's what WAS on my ICOM and my Alinco dual bander from the factory. It's funny that RS doesn't use that. Oh well.

Once you have your own house in order, THEN worry about making a 'standard' interface to someone else. But don't forget to go BOTH ways. So that you can plug into someone else, and they can plug into you.

And it doesn't hurt to have an 'emergency' kit. I keep a lighter plug that comes to alligator clips in my glove box. Be carefull! (But then I also keep an AC cord that ends with aligator clips in my workshop. Talk about a REAL 'suicide cord'!) One thing I've also found invaluable is to keep some of those 'spade connectors' handy, the kinds with an insulating 'sheath' on them. In a pinch you don't even need to solder or crimp. You can just 'strip' stranded wire, then smooth it out to a 'fan' and lay it in the 'female' connector and when you shove it together with the male, it pinches and holds. And don't forget to have a couple of thos 'three way' spade things in your tool box, as well as a couple of EACH kind of 'fuse tap'!

Mike Yetsko
N1DVJ

Date: Thu, 14 Oct 1999 10:29:35 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53173] Re: OT RE: Cyanoacrylates (Super Glue)
Message-ID: <043001bf1650\$8fac6d20\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I find it hard to believe CA glues could be so toxic. But then, early LCDs were reportedly toxic if the liquid was heated, but were allegedly safe for consumption in their normal state.

The reason I find CA being toxic hard to believe is that reportedly it was initially developed for surgery. I know it was experimented with in VietNam for battlefield use by medics. And there currently is a BIG stink about the stuff because it's not approved for use in eye surgery in the US (or wasn't until recently, it may now be legal) and there were a couple of eye doctors who were arrested bringing 'medically pure' CA into the US from Canada. They were treated and charged as if they were smuggling a drug. The incident brought to light that a major clinic in NYC was routinely getting the stuff and was repeatedly asking for FDA approval. Supposedly they claimed that 'off the shelf' stuff was just as good as the medical stuff, but it wasn't 'certified' for medical use. They claimed that there were certain eye procedures that you just plain couldn't do at all without the stuff.

Mike Yetsko
N1DVJ

Date: Thu, 14 Oct 1999 10:30:24 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [53174] PRE-FOX Festival
Message-ID: <698DB793D712D31180B600902746422D50B924@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I didn't get to work too much of the event, but I had fun during the 1 hour I played.

I started off a little cocky with my TT2 - but was humbled very quickly when I didn't make one contact with all those hounds out there. I guess the Long Island RF Black Hole is in tact as usual. Eventually, I got the idea and fired up the Icom 728 at 2 watts. That was much more rewarding. I only received 4 replies to my CQ FOX, but they were all precious :-)

AJ4Y 559 FL PAUL 1795

KD0CA 339 IA JERRY 544
AF4PS 559 FL MAC 704 (Mac faked me out with his
new call.)
N4SO 229 AL KEN 622

I may have to try some new antenna ideas. We'll see how the actual season
start off. Thanks for the hunt gang.

72,

Nick - KFox2PH - QRP-L # 13 . .

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Thu, 14 Oct 1999 10:34:36 EDT
From: charles k brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [53175] 14.060 Sked
Message-ID: <19991014.143240.8175.2.n4so@juno.com>

QRP station EA3EGV, Miguel is active each day
at 2100Z on 14.060. Can someone from the NorthEast
U. S. hear this station on 14.060 at 2100Z?
The schedule will continue on 10/14. Activity is for about
an hour to 2200Z or so.

Miguel operates the NorCal 20.
From: "miguel" <mimonti@teleline.es>

hoy 10/13 a las 21.00Z
Good Luck
72
Miguel Montilla, EA3EGV
EA QRP # 1
mail to: eaqrp-c@arrakis.es

VISITA LA PAGINA DEL EA QRP CLUB
<http://www.eaqrp-c.arrakis.es>

14 Mhz DX

Mongolia JT1DA 14.005 0240Z calls CQ USA and is often on the low end of 14 Mhz-- worked on the NorCal 20 at 5 watts and 4 ele. beam

Ken Brown N4S0

Mobile, AL/EM50tk

NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 14 Oct 1999 09:42:02 -0500
From: Tim Ahrens <tahrens@hilconet.com>
To: qrp-1@lehigh.edu
Subject: [53176] Yagi Antenna raising questions
Message-ID: <3805EBBA.86DF2A21@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks -

Got the tower up, and has 2 sets of guy wires. I have a TH7DXX that needs to get to the top, and was wondering what the best way to do it is. Sure, take off the guys & pull straight up. NOT!

Somebody told me to 'just slide it up one of the guys'. I figured that there are probably lots of folks with big beams on tall towers that could give me (and others) some insight.

Although this is a personal request, it might be good to keep it on the reflector for others to learn.

Obviously, safety is the primary concern.

Thanks!

Tim W5FN

Date: Thu, 14 Oct 1999 08:07:51 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [53177] RF-1 instructions
Message-ID: <3805F1C7.64E@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is to whoever it was that now has my RF-1 in a trade deal.

I found the original instructions upon doing some shack cleaning last night. They will be yours if you send your address.

73

Allan K7GT

--

```

                                |
                                /|
                                / |
                                | /Z | \
Allan Taylor   K7GT           /| /599| \      k7gt@arrl.net
Pleasanton CA  CM97aq        /_ | /____|__ \    http://www.qsl.net/k7gt
...QRO, QRP, or barefoot..... [\-----/
~~~~~
```

Date: Thu, 14 Oct 1999 09:13:17 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [53178] FOX:40 mtr fox hunt Teams (fwd)
Message-ID: <Pine.LNX.3.95.991014085656.8382A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...from out of the thickening, swirling, vision-impairing mists being brewed up by the foxii, as we creep steadily towards the first sounds of the hunting horns and the baying of the hounds, comes the "TEXAS TARANTULAS" to answer the challenge of the "HOUSTON HOUNDS".....
.....18 Teams..... AWESOME!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,

S4S-4Z2, Canada-AR Stamp Collector-

"QRP! How sweet it is!"

20th. MAINE BENGAL BEARS:

Jim - N5IB
Butch - N5SMQ
Bill - NT1R
Joel - KE1LA

BLUE J's:

John - VE3JC
Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

DURHAM MORSE MEN:

Jim - VE3KQN
Ken - VE3ELA
John - VA3JE
Garry - VE3REP

EMPIRE HOUNDS:

Dick - K2REB
Kevin - N2TO
Mark - N2JTW
Nick - KF2PH

HOUSTON HOUNDS:

Bill - K5ZTY
Bill - W5SB
Terry - KQ5U
Dan - KK5LD

MANGY MUSHERS:

Pete - NV4V
Paul - VE7CQK
Bruce - N7RR
Ed - K1VP

NIGHT OWLS:

Ed - WE6W
Rich - N5JI
Dan - N7CQR
Ben - NW7DX

OKLAHOMA TORNADOS:

Cliff - AB5UA
Royce - KE5TC
Don - K5AAR
Gody - AC6U

RAIDERS OF THE LOST RF:

Fred - VE3FAL
Earl - VE6EWM
Mary - NA6E
Bruce - VE5RC

SCATTER SHOT GUNNERS:

Mike - K1MG
Jack - W5TFB
Stan - N6XU
Pat - K0PC

SFBA FOGHORNS:

Bob - N6WG
Conrad - NN6CW
Andreas - N6NU
Jon - AD6FX

SWAMP RATS:

Tom - N1TP
Mac - KF4KSM
Fred - W2XN
Paul - AJ4Y

SWORDS:

TEAM CRAMP.COM:

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ
Dan - N8IE

TEAM ScQRPion:

Floyd - NQ7X
Gary - AB7MY
Conard - WS4S
Bob - KI7MN

UNDERDOGS:

Roy - AB7CE
Dan - N4ROA
Brian - KB9BVN
Ron - KI0II

OJ - K10J
George - K5VUU
Mike - K5NZ
Eric - NM5M

TEXAS TARANTULAS:

Bill - K5LN
Dave - AB5WX
Bob - AF5Z
Tom - N5TW

WESTERN WRANGLERS:

Randy - K7TQ
Chuck - K7QO
Steve - WW7Y
Ron - KU7Y

....who's next??....this is going to be a FANTASTIC year for the
40 mtr Fox Hunt Team competition!...please let me know if I have any
errors in the list...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Thu, 14 Oct 1999 08:24:35 -0700 (PDT)
From: Dave Pomeroy <dave_pomeroy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53179] WTB Tek 465B or 475B
Message-ID: <19991014152435.29893.rocketmail@web601.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I'm looking for a Tek 465B or 475B scope. Anyone have one that they want to get rid of? Thanks for the bandwidth.
Dave Pomeroy KL0TE/8

=====

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Thu, 14 Oct 1999 10:13:06 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [53180] SPICE simulator recommendations?
Message-ID: <NEKJBBEDOEJBAAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

I've seen this topic before on this list so please e-mail me directly.

I'd like to know people's opinions about the best low-cost SPICE package out there. It doesn't need to be really capable in terms of number of nodes, but obviously the more the better. I'd like opinions on

- (1) the best freeware version of a SPICE simulator
- (2) the best < \$100 version of a spice simulator

I used to use the student edition of MicroCap when I was in school and something like that would probably be good enough. Again, more power is always better though.

Thanks,
Joel

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at
<http://www.eudoramail.com>

Date: Thu, 14 Oct 1999 11:20:25 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <tahrens@hilconet.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [53181] Re: Yagi Antenna raising questions
Message-ID: <048801bf1658\$1c993900\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Got the tower up, and has 2 sets of guy wires. I have a TH7DXX
> that needs to get to the top, and was wondering what the best way
> to do it is. Sure, take off the guys & pull straight up. NOT!
>
> Somebody told me to 'just slide it up one of the guys'. I figured
> that there are probably lots of folks with big beams on tall towers
> that could give me (and others) some insight.
>
> Although this is a personal request, it might be good to keep it on
> the reflector for others to learn.
>
> Obviously, safety is the primary concern.
>
> Tim W5FN

In the past (a long time ago, in a state far far away) we tried taking
off
ONE AT A TIME a lower guy to raise the antenna past that point, then
pulling the guy back into position. But we never took off the top guy.
And that was on an antenna that had extra guys in the first place

for paranoia. The antenna was originally I think supposed to be a 60 foot tower, and the town dug their feet. When it was finally approved, the inspector came out as we dug the hole, and said something like "You know, if you did xxxx and yyyy this tower would be certified for 150 feet" He then proceeded to climb in the hole without being asked and started 'helping'. Needless to say, we didn't object. All it cost was extra concrete, and since the initial delivery is most of the cost, it was a no brainer. When my friend setup his guys, he rigged them as if it was a 150 tower, just spaced down proportionally to the 90 feet he actually raised. (His logic was the neighbors would see a tower in a certain configuration, and if he raised it, they'd see the exact same thing, just 'stretched' a bit. I know he went to at least 110 feet before I moved away, and I think he went to 120 soon after. So the tower was 'over guyed')

I suppose to be safe, you could install a 'roving' guy wire that would keep tension on the tower just under the antenna as you came to a guy you had to get past and 'relaxed' it to go past it. It would provide that extra safety margin. But the top guy, well, there's no way I'd take that off.... There I think you're just plain stuck with 'rolling' the antenna over the guy carefully.

Mike Yetzko
N1DVJ

Date: Thu, 14 Oct 1999 13:19:01 -0300
From: Kleibe Jacinto de Araujo <kleibe@anatel.gov.br>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [53182] Qsl markers !!
Message-ID: <6A3A6C7C6177D311932B0000E21F2B78153765@ANATELMAILE>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi gang,

Somebody have some info about qsl markers progrs????

Tanks to all for the help

kleibe

Date: Thu, 14 Oct 1999 11:29:54 -0400
From: "dor" <elbc@pivot.net>
To: <kleibe@anatel.gov.br>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53183] Re: Qsl markers !!
Message-ID: <000f01bf1658\$fb8b3280\$4010a1d0@mine1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I use the one you can download for free at:

<http://users.tm.net/jjmcd/hamradio.htm>

It does a nice Job.

73 Dave kc1di

----- Original Message -----

From: Kleibe Jacinto de Araujo <kleibe@anatel.gov.br>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, October 14, 1999 12:19 PM
Subject: Qsl markers !!

> Hi gang,
>
>
> Somebody have some info about qsl markers progrs????
>
>
> Tanks to all for the help
>
>
> kleibe
>

Date: Thu, 14 Oct 1999 08:35:10 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>

To: Tim Ahrens <tahrens@hilconet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53184] Re: Yagi Antenna raising questions
Message-ID: <Pine.GS0.4.10.9910140806090.20634-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Tim,

I have 3 sets of guys on my 85' of 25G because of the high winds. (Over 100 mph a few times each year).

I also have enough wire and rope to make a slide and get the yagi up that way but.....

Having watched more than one antenna raising party end in broken antennas and even one dropped top section (from 120'), I decided not to go that way.

Here is both what I did and the logic behind it.

The antenna is a Force 12 C4SXL/H. This is the heavy duty model rated at something like 120 mph wind survival. It weighs in right at 100 lbs.

The mast is 20' and tips the scales at just over 50 lbs.

So, what I did was dug a hole to put the mast in next to the yagi that was sitting on saw horses. I clamped the yagi to the mast and installed the boom support cable. Then did all the baluns and feed lines. (This antenna takes 2.....one for 40m and one for the rest of the bands).

Total weight was now just a bit over 150 lbs and the whole assy was sitting just outside the guy wires about 75 feet from the base of the tower.

Next I called a sign company. (Young Electric Sign Company). They sent out a truck with a 120' reach.

I climbed the tower while the one helper I had guided the yagi. The sign truck lifted the yagi/mast up to me and set it down through the top plate/barring and into the rotor.

Total cost of the sign truck was only \$125!

Why did I spend that much?

Cost of the yagi was over \$1200.

Tower I had but I spent over \$1000 on guy wires and turnbuckles.

Cement (7 yds) and Rohn anchors was over \$450.

Rotor was just over \$500.

The extra \$125 is way down in the noise level and well worth every penny. Even twice that would be a real bargain.

BUT.....if you are not experenced in working on towers and around equipment lifting things overhead, add another line to the budget and hire someone who is!

Your next of kin will appreciate it!

Tower work is a real danger. (We are not talking about using some Super Glue twice a year here kids!) :-)

Make sure you have a proper fitting safty harness and that it is in good condition. DO NOT cut corners on any safety equipment.

That includes guy wires and hardware. As an example, good turnbuckles cost \$35 each locally. But I found that Texas Tower has the very same make/model for \$18 each and I bought 9 of them. (We now buy ours for work through Texas Tower!)

(I have NEVER seen proper turnbuckles in a hardware store!)

Bottom line is that towers cost money and MUST be done right.

There is a tower reflector called TowerTalk and I would suggest that anyone who is thinking about installing a tower go there. Some really great info. The "owner" of the list does tower work for a living and I have never seen him give any advice that I didn't agree with!

And yes, I have worked "high" for several years and have a little idea of what's right and wrong in that area! :-)

One last thought.....every single tower that I have seen fail has been from either one of two causes.....poor guy system (wires were too small and broke, ditto for the hardware, clips installed wrong and/or not enough of them and even seen guys going to stakes that just pulled out of the ground!) or no dranage for water build up in the tower legs to drain out and the legs split when the water froze in the winter!

OK, back in my hole.....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 14 Oct 1999 10:42:40 -0500
From: Guy Dragoo <GDRAG@proedge.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [53185] RE: Yagi Antenna raising questions
Message-ID: <B13A99FB1E2FD311816D00805FBB10B60921F5@www.premiumware.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Of course there was a sad mishap here in Texas of some professional fellows that were raising an antenna on a 1000' (I would guess much less forgiving) tower and they caught and broke a guy on the way up....none of them on the tower (I believe it was three) survived riding the tower in....

73

Guy AC5HL

-----Original Message-----

From: Mike Yetzko [mailto:myetzko@insydesw.com]
Sent: Thursday, October 14, 1999 10:20 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Yagi Antenna raising questions

> Got the tower up, and has 2 sets of guy wires. I have a TH7DXX
> that needs to get to the top, and was wondering what the best way
> to do it is. Sure, take off the guys & pull straight up. NOT!
>
> Somebody told me to 'just slide it up one of the guys'. I figured
> that there are probably lots of folks with big beams on tall towers
> that could give me (and others) some insight.
>
> Although this is a personal request, it might be good to keep it on
> the reflector for others to learn.
>
> Obviously, safety is the primary concern.
>
> Tim W5FN

In the past (a long time ago, in a state far far away) we tried taking off

ONE AT A TIME a lower guy to raise the antenna past that point, then pulling the guy back into position. But we never took off the top guy. And that was on an antenna that had extra guys in the first place for paranoia. The antenna was originally I think supposed to be a 60 foot tower, and the town dug their feet. When it was finally approved, the inspector came out as we dug the hole, and said something like "You know, if you did xxxx and yyyy this tower would be certified for 150 feet" He then proceeded to climb in the hole without being asked and started 'helping'. Needless to say, we didn't object. All it cost was extra concrete, and since the initial delivery is most of the cost, it was a no brainer. When my friend setup his guys, he rigged them as if it was a 150 tower, just spaced down proportionally to the 90 feet he actually raised. (His logic was the neighbors would see a tower in a certain configuration, and if he raised it, they'd see the exact same thing, just 'stretched' a bit. I know he went to at least 110 feet before I moved away, and I think he went to 120 soon after. So the tower was 'over guyed')

I suppose to be safe, you could install a 'roving' guy wire that would keep tension on the tower just under the antenna as you came to a guy you had to get past and 'relaxed' it to go past it. It would provide that extra safety margin. But the top guy, well, there's no way I'd take that off.... There I think you're just plain stuck with 'rolling' the antenna over the guy carefully.

Mike Yetsko
N1DVJ

Date: Thu, 14 Oct 1999 09:33:44 -0700
From: Mighty Mik <mitymik@wenet.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [53186] 2N2-6...?
Message-ID: <380605CD.471A76F9@wenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I know i'll see this at Pacificon tomorrow, but is this a 2N2 - 40 with

the Transverter added on, or was it built as a 6 meter rig from the ground up? And...doesn't the 2N2222 kinda crap out at VHF?

see ya at Pacificon.

--

@@

72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441

NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.

Aeropac #111 Tripoli #3071 Level 2 GRID CM87

Date: Thu, 14 Oct 1999 10:37:33 -0600

From: "William R. Colbert" <af852@rgfn.epcc.edu>

To: plburbank@kih.net, qrp-1@lehigh.edu

Subject: [53187] Re: OT: buzz saw - film at 11?

Message-ID: <380606CD.C4A3FFC3@rgfn.epcc.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The swept cw carrier type signal normally is programmed by the software to run from 3 Mhz (sometimes lower) to 30 Mhz and is an Ionospheric Chirp sounder, sampling the ionosphere at various locations. It is normally used to see what the propagation path is from a specific location and is normally at 12-1500 miles and at those intervals from each other and from the central reception point. These are required for the single sight locator (SSL)

HF DF systems, and in some cases used with the multi-site df systems as well. The transmitters are normally at a maximum power of 20 watts, but sometimes they are set to a lower level. As more and more df systems are distributed to countries that in the past never had such facilities, the chirp sounders are also increasing, bringing forth a bunch of whistles as they scan by, sometimes one after another if you are in the right area. The game gets interesting with all of the various toys it takes to obtain a good geo-location, and it still takes time- nothing instantaneous yet.

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Thu, 14 Oct 1999 12:37:57 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [53188] Sherwood Eng./Drake R-4C
Message-ID: <19991014.163601.8183.3.n4so@juno.com>

Drake R-4C mods, filters
last known address and phone number
SHERWOOD ENGINEERING INC.
1268 South Ogden St.
Denver, CO 80210

303-722-2257
Drake R-4C mods and filters
Free catalog.

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 14 Oct 1999 12:37:57 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [53189] Power Connectors/DC Power
Message-ID: <19991014.163602.8183.5.n4so@juno.com>

Anderson Powerpole Connectors
The following is a saved text file.
From: "Al Gritzmacher " <ae2t@arrl.net>
DC Power
Wes Allen
2870 S. W. 199th Place
Aloha OR 97006

(503) 649-3295

wes@dcprwr.com

From: "The QRZ.COM Database" <lookup@qrz.com>

lookup: k7wwg

Call: K7WWG

Name: WESLEY J. ALLEN

Addr1: 2870 SW 199TH PL

Addr2: ALOHA, OR 97005

Country: USA

County: Washington County

Coords: 45.47428 N -122.804176 W Grid: CN85o1

Class: General Codes: HAI

Issued: 03/22/1994 Exp: 03/22/2004 dob: 04/18/1947

Updated: 1999-10-07 23:39:20

14 Mhz DX

4K9C 0338Z low end of 20, location Baku, Azerbaijan.

He must like to QSL - via Box 315 Moscow 103 062.

Ken Brown N4SO

Mobile, AL/EM50tk

NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 14 Oct 1999 10:08:42 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>

To: charles k brown <n4so@juno.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [53190] Re: Sherwood Eng./Drake R-4C

Message-ID: <Pine.GS0.4.10.9910141004050.21901-1000000@rotor.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I lost the original post but thought I'd pass along another
source for Drake filters:

<http://www.qth.com/INRAD/>

No connection to them other than a satisfied user of their
Yaseu filters and mods.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 14 Oct 1999 13:22:14 EDT
From: Drbob92031@aol.com
To: qrp-l@lehigh.edu
Subject: [53191] Help w/condo ant. system
Message-ID: <0.74f181c2.25376b46@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

To any and all;

QTH is condo where antennas are prohibited, so I have a long wire for 20 M on the roof. Building is 6 floors and I am on the 5th floor. My coax is hidden in a pipe on the side of the condo as it goes to the roof.

I would like to have an all band antenna. Can I feed the coax to 300 ohm line and then to an off center fed wire. The coax is 73 ohm as a "left over" from a T.V. cable company. I have hundreds feet more of that coax. For free I took.

What is involved etc.

Any and all help appreciated. Keep in mind this must be as "invisable" as possible.

72..de WA2EAW...Bob

Date: Thu, 14 Oct 1999 10:37:04 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [53192] Mike Gipe, K1MG, QRP-Con Speaker #6
Message-ID: <01bf166a\$bb4578e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike Gipe, K1MG is no stranger to QRPers. His accomplishments include second place finishes as both a Fox and a Hound in the QRP-L Fox hunt. He was the designer of the K1MG Digital Clock/Counter that is sold by Blue Sky

Engineering (and is the cheapest digital frequency readout on the market today by a long shot). He is a troubleshooter extraordinaire, as witnessed by his work on the 38 Special and the many mods that he came up with. His building skills must be seen to be believed. Those of you who have seen his Desert Ratt Regen can attest to that. He was on the design team for the NC20 and was invaluable in his assistance to Dave Fifield along with Dave Meacham and Gary Surrency. Plus, he invented the AFA that was first used in the NC20, a product that did not even exist in a 8 pin PIC format before he did it.

Mike also is an accomplished operator, both DX and Contesting. His talk will be on how to work contest, QRP style. If you are looking for an operating talk, this is the one that you want to attend. Mike's article in the compendium is filled with hints and kinks to improve your operating skills and pleasure, whether it be casual operating, heavy duty contesting, or Fox Hunting. He will expand on this points in his talk, and you want to be sure and have your copy of the compendium with you as Mike speaks.

Mike will also be the special Fox for the QRP Operating Event to be held Friday evening at 8 PM in the QRP hospitality room. He will have his K2, and will work the hounds who will all be using TT2/MRX combos. It should be a blast.

Pacificon is hours away now, in fact many are en route. We will be having fun, meeting new friends and acquaintances. Hopefully you can attend one of the QRP forums held throughout the world. We have Rochdale, Atlanticon, Ft. Smith, Yeovil, Dayton, Hamcom, Ft. Tuthill, all coming in the next 12 months. Plus there will be several smaller get togethers. I encourage you to attend any or all that you can, you will have the time of your life.

Thank you to all who have helped with Pacificon: Jim Cates, Steve Cates, Jerry Parker, Mike Gipe, Jim Kortge, Jim Duffey, Dick Pascoe, Paul Harden, Joe Everhart, Fred Reimers, Steve Bornstein, Dave Meacham, Dave Fifield, all the vendors, and most of all the attendees, who make the event what it is.

Don't forget the Compendiums will be available at the open house on Friday evening. They are a gift from Jim and I to the Qrpers who attend Pacificon. It is a small way for us to say thank you. 72, Doug, KI6DS

Date: Thu, 14 Oct 1999 12:38:40 -0500 (EST)
From: igeq100@iupui.edu
To: SFIKE@twa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53193] Re: New QRP rig
Message-ID: <Pine.HPP.3.96.991014123116.2501A-1000000@ruby.iupui.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Scott -

My impressions of the ruggedized QRP rig (and these are only an opinion) are as follows. It surely appears rugged, almost bullet-proof. They promote it as an emergency-type rig, and I agree. To use it with their supplied antenna, it has to hang chest-high from the two sections of the antenna - essentially, it sits (hangs) at the center point of a 40 or 80 meter dipole. It would be extremely awkward to use the built-in key in this position. It has a direct-conversion receiver and the specifications do not mention its selectivity. The price tag, over \$300, is a bit steep for a single-band one-watt rig. You could buy a lot of zip-log bags to protect a less-expensive and more capable rig from the elements. However, if ruggedness is your primary goal, it might be a good bet.

As I said, this is only my own opinion, and I will not defend it strongly.

73,

Richard Meiss, WB9LPU

On 13 Oct 1999 SFIKE@twa.com wrote:

> Folks,
> I would be interested in hearing your opinion on the new, ruggedized QRP
> rig that Jim,W7LS has just released! As I don't have web access, let me know
> what you, who DO have web access, think about this new rig!His site is at
> www.jja-instruments.com/radio.html
>
> I still fall under the category of an "information-mostly-have-not"!!!
>
> Thanks,
> 72
> Scott
>

Date: Thu, 14 Oct 1999 13:41:21 -0400
From: Mike Maiorana <mikemo@attglobal.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53194] Interesting site
Message-ID: <380615C1.F8E6908F@attglobal.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I found this page and thought others would find it useful. It is "Scot's guide to electronics" and the url is:

http://www.st-and.ac.uk/~www_pa/Scots_Guide/contents.htm

Stuff on mixers, components, antennas etc.

Enjoy

Mike M. KU4QO

Date: Thu, 14 Oct 1999 13:47:01 EDT

From: charles k brown <n4so@juno.com>

To: qrp-1@lehigh.edu

Subject: [53195] All Electronics 2.1mm plugs

Message-ID: <19991014.174513.6959.6.n4so@juno.com>

ALL Electronics

14928 Oxnard St.

PO Box 567

Van Nuys, CA 91411

1-800-826-5432

818-904-0524

allcorp@allcorp.com

[Http://www.allcorp.com](http://www.allcorp.com)

From: ka7you@juno.com

Pre-wired 2.5mm and 2.1 mm coaxial plugs

allelect.txt

nnnn

Ken Brown N4SO

Mobile, AL/EM50tk

NorCal-20/5 watts/4 ele. beam

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Date: Thu, 14 Oct 1999 13:47:03 EDT
From: HWRM1SS@aol.com
To: igeq100@iupui.edu, njqrp@njqrp.org, qrp-1@lehigh.edu
Subject: [53196] Re: New QRP rig
Message-ID: <0.e76a162.25377117@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I agree...

At this price spend twice as much and buy an sg-2020 - they are bullet proof
and cover 2-30 Mhz.. w 20 watts CW SSB et al
K3HW

Date: Thu, 14 Oct 1999 14:14:52 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [53197] Drake R-4C Filters/Internat. Radio
Message-ID: <19991014.181241.7159.3.n4so@juno.com>

Drake R-4C Filters (and many other brands)
International Radio
13620 Tyee Road
Umpqua, OR 97486
541-459-5623
inrad@rosenet.net
<http://www.qth.com/inrad/>

Source: ARRL TIS Find

inrad.txt
nnnn

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 14 Oct 1999 14:19:50 -0400
From: "Thom Durfee" <wi8w@arrl.net>

To: <qrp-1@Lehigh.EDU>
Subject: [53198] Foxhunt Schedule
Message-ID: <000f01bf1670\$b4cc4f60\$bde32fd8@belgarion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am having a little trouble getting the fox hun schedule from the web page.
It says the page is not available.

Does anyone have the schedule that you would be willing to email to me?

thanks

Thom WI8W

Date: Thu, 14 Oct 1999 14:29:16 -0400
From: "Thom Durfee" <wi8w@arrl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [53199] Alinco DX70TH at 5 watts
Message-ID: <003901bf1672\$067e8160\$bde32fd8@belgarion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My DX70TH is rated at 100 watts on 160-6 meters. I decided to find out if I
could get this rig to run 5 watts instead. here are my results.

The H/L button toggles the power from 100 watts to about 10 watts.

Checking the manual I found that there is a internal switch that can be
changed to allow a max of 50 watts output. I changed this switch to the 50
watt position pressed the H/L button and lo and behold exactly 5 watts
output. Neat Huh? Now I can stay out of all the TV's in the apartment
building where I live and be QRPp to boot!

Thom WI8W

Date: Thu, 14 Oct 1999 14:32:51 -0400 (EDT)

From: "Paul R. Valko" <prvalko@oakland.edu>
To: Thom Durfee <wi8w@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53200] Re: Foxhunt Schedule
Message-ID: <Pine.OSF.3.95.991014142851.27509A-100000@saturn2.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 14 Oct 1999, Thom Durfee wrote:

> I am having a little trouble getting the fox hun schedule from the web page.
> It says the page is not available.

Unless we lost our T1s for a moment while you were trying to
download the page, please check your PC. I just looked and both the HTML
and PDF versions are working fine.

The link to the foxhunt is right on my main page. Other websites have
linked to the page, but I would hope they would check their links first
before publishing them.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Thu, 14 Oct 1999 14:46:01 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [53201] STILL LQQKING
Message-ID: <5309f5e3.25377ee9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Gang,
I'm still in need of a reel to reel recorder.

=====

The person who I offered the FAR rock bound Xmitter to built into a plastic
case,
I lost you'r address.
Please resend it
Thanks
Bob

WA2HOQrp <tm>

Date: Thu, 14 Oct 1999 15:05:14 EDT
From: charles k brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [53202] FOXHUNT! Text file version
Message-ID: <19991014.190322.4311.3.n4so@juno.com>

The following is a saved text file.
>From "Paul R. Valko" <prvalko@oakland.edu>
Date: Fri, 8 Oct 1999 05:27:51 -0400 (EDT)
Subject: FOXHUNT!!! Text Version of Schedule

YAWN... insomnia... naw... call it, just up early... YAWN

Hey, may as well do something useful! Here's the TEXT version of the
1999/2000 QRP-L Foxhunt.

Kids, remember the DATE is in GMT, the REAL operating times are Mon and
Wed nights in North America in 1999 - AND - Tues and Thurs evenings in
2000. I think... YAWN...

Date GMT	Time GMT	Fox	Name	QTH
10/26	0000	K10J	OJ	TX
10/28	0200	NA6E	MARY	CA
11/02	0100	AB5UA	CLIFF	OK
11/04	0200	W0MC	JERRY	CO
11/09	0100	K1JD	JOHN	RI
11/11	0100	NF9K	JOEL	MN
11/16	0100	W8RU	RON	MI
11/18	0200	N5TW	TOM	TX
11/23	0200	K5LN	BILL	TX
11/25	0200	K0EVZ	DOC	ND
11/30	0200	N7RR	BRUCE	WA
12/02	0100	K1MG	MIKE	CA
12/07	0100	KV2X	TOM	NY
12/09	0100	KF4AR	RICK	NC
12/14	0100	AB5WX	DAVE	TX
12/16	0200	N4DD	DENNIS	TN
12/21	0200	N0TU	STEVE	CO

Tip: Look for a blowout Y2K Fox Party announcement
during the Holidaze

01/05	0100	K7GT	ALLAN	CA
-------	------	------	-------	----

01/07	0100	N0AR	SCOTT	MN
01/12	0100	WT9S	JAY	IL
01/14	0200	N7MFB	BILL	WA
01/19	0100	AF5Z	BOB	TX
01/21	0200	K8CV	WALT	MI
01/26	0100	N7CQR	DAN	OR
01/28	0200	KF2PH	NICK	NY
02/02	0100	WV3J	PAUL	VA
02/04	0100	W8SFF	STEVE	MI
02/09	0200	AE2T	AL	NY
02/11	0200	N1FN	ET	CO
02/16	0100	NW7DX	BEN	WA
02/18	0200	N0IT	DAVE	MO
02/23	0200	W8RO	FLOYD	MI
02/25	0200	N1TP	TOM	FL
03/01	0100	NQ9RP	CHEESE	WI
03/03	0000	KQ5U	TERRY	TX
03/08	0200	N5IB	JIM	LA
03/10	0000	N0UR	JIM	MN
03/15	0200	WD4ET	JEFF	FL
03/17	0200	KU7Y	MONTE	NV
03/22	0200	AB7CE	ROY	MT

cut it out and paste it to the fridge.

Foxhunt 2000 web site <http://www.acs.oakland.edu/~prvalko/foxhunt.htm>

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

fox.txt

nnnn

Ken Brown N4SO

Mobile, AL/EM50tk

NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 14 Oct 1999 15:39:15 -0500
From: Mark Gilger <mgilger@concentric.net>
To: HWRM1SS@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53203] Re: New QRP rig
Message-ID: <4.1.19991014153834.0099af00@pop3.concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Or for around the same price buy from Oak Hills. Those are proven rigs.
Mark

At 01:47 PM 10/14/1999 -0400, HWRM1SS@aol.com wrote:
>I agree...
>At this price spend twice as much and buy an sg-2020 - they are bullet proof
>and cover 2-30 Mhz.. w 20 watts CW SSB et al
>K3HW

Date: Thu, 14 Oct 1999 13:58:35 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [53204] Y2K PacifiCon Countdown
Message-ID: <Pine.SUN.4.10.9910141329090.28026-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
Sure is hard to believe PacifiCon is almost here and I'll be sitting at 33,000 feet, chomping on peanuts this time tomorrow heading for Oakland. This past week was our annual Enchanted Skies Star Party, for which I am one of the co-organizers, and that always wipes me out for the week before PacifiCon. But at least it was perfect weather all 4 days for a star party, not a cloud in the sky, humidity 15-20%, not even a breeze, and thus very stable skies. My thrill this year was looking at the Veil Nebula through a 28-inch reflector this guy brought here all the way from Illinois to enjoy our truly dark skies. Great event, with about a dozen attendees also being hams.

Back to PacifiCon (before the off-topic and qrp-l fume police get me ...)

TEST EQUIPMENT TUTORIAL ... Darrel, WB6BOR and myself will present an informal test equipment session on both friday night (after the dinner at Fudruckers) and saturday night (during/after the building contest events). Darrel is providing an oscilloscope and spectrum analyzer, and I'm

bringing a signal generator and other goodies. We'll probably go over the spectrum analyzer friday night, and basic oscscope operation saturday night. This will include some hands-on demonstration on basic measurements, voltage, frequency, phase, and calibration. Friday night, bring your TT2 and we'll get some definitive answers on Darrel's spectrum analyzer on just what the output spectrum really does look like, and some comparisons with those who have done Dave Meachem's and Dave Fifield's mods. Even do a little phase noise measurements on the crystal oscillator. So if you have a scope and/or spectrum analyzer, this should give you a good start on how to use the instrument (and how NOT to). Should be fun.

LEARN ELECTRONICS THROUGH REGENS talk I'm giving is geared mostly as the beginning and intermediate levels of electronics. Not too technical, just some simple, common-sense approaches to understanding some of the basics of electronics like low pass/high pass filters, how to bias a transistor amplifier, determine the gain, what really goes on inside those LM386's, etc. There's an updated schematic of the Desert Ratt and 10 pages of basic electronics and equations in the compendium I hope you'll find useful. And for those who understand these basics, it will give you a chance to hit the vendors and flea market :-)

I can't believe the lineup Doug put together this year. Some really valuable resources in QRP from California to that guy from England. And with Jim Duffey there, you'll get a double dose of New Mexico green chili. (I won't be flying in with Jim ... he made me promise to never fly on the same plane with him again after HamCom!). I'm looking forward to meeting everyone there. If you can't have a blast with 150+ fellow QRPers in the same room, there's something wrong with you.

And if you have built ANYTHING even remotely connected to QRP, bring it along for the building contest. And even if it's not an award winning piece of art, the other QRPers always love to see what the others are building. So don't be shy. Even if your TT2 or 2N2/40 is only half done, bring it along. Somebody will get inspired by it.

Did I mention all the QRP stuff was FREE? Thanks to the donations and contributions of NorCal and A LOT of other people.

If you've never been to a QRP event like PacifiCon, Atlanticon, HamCom, Dayton or whatever, you really need to try to make one someday. It is an experience you can only experience by being there.

See you all at Fudrucker's friday night.

72, Paul NA5N

Date: 14 Oct 99 20:02:28 America/Fort_Wayne
From: M Goins <mgoins@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [53205] wanted: tower or tower leads
Message-ID: <19991014200228.15848.qmail@aw161.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Still looking for some tower to put up on the far west side of the Houston
area, and would prefer something like a Rohn 25g tiltover. Will consider
whatever you have. Will most likely be putting a two el quad back up, although
I'm thinking a yagi might be worth a try after 23 years of only homebuilt
antennas, and if you have one for sl, let's talk about that too. Thanks.

Mike - wb5yjx
OHR 400, Sprint 20, OHR 40
homebuilt 1/2 wave vertical at 25'

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: 14 Oct 1999 15:08:36 LOC
From: <SFIKE@twa.com>
To: <qrp-1@lehigh.edu>
Subject: [53206] News Flash
Message-ID: <19991014.150836.SFIKE@twa.com>

There have been *MASSIVE* sun-spot flare ups today (10-14-99)!!!!
Even 2 meter communications are fouled up, locally (Kasas City,Mo.)!
Just thought I would pass this along to everyone!
72
Scott

Date: Thu, 14 Oct 1999 16:12:57 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: n4so@juno.com
Cc: qrp-1@Lehigh.EDU

Subject: [53207] Re: 14.060, Miguel
Message-ID: <199910142012.QAA01456@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Ken,,

> QRP station EA3EGV, Miguel is active each day
> at 2100Z on 14.060. Can someone from the NorthEast
> U. S. hear this station on 14.060 at 2100Z?
> The schedule will continue on 10/14. Activity is for about
> an hour to 2200Z or so.

I don't know if anything is so special about working Miguel at 2100z,
but I did work him today at 1943z on 14060. He tail-ended a QRP QSO I
was having with DL4VM (Saar, 5w, Dipole under roof!).

Anyway, Miguel was running an SST at 1w to a G5RV antenna. He had a
pretty good signal till about 2000z when some heavy QRM started up.
I suspect most of the Northeast can easily work Miguel if the QRM
holds off.

--
/joel K1QM (Ex-wa1qvm) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: 14 Oct 1999 15:25:15 LOC
From: <SFIKE@twa.com>
To: <qrp-l@lehigh.edu>
Subject: [53208] Sun-Spots
Message-ID: <19991014.152515.SFIKE@twa.com>

Anybody out there know of an Astronomy type reflector or mail list of some kind
so that I might keep track of Sun-spot activity?

Thanks,
72
Scott

Date: Thu, 14 Oct 1999 16:33:35 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-l@Lehigh.EDU>, "klqrp_submit (E-mail)"
<klqrp@waterw.com>, "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>

Subject: [53209] North Georgia QRP Club (NoGa) offers the PiG Kit - a QRP Accessory

Message-ID: <66FCE0D1DF76D311913800805F6D0FA313373D@MAILSERVER1>

MIME-Version: 1.0

Content-Type: text/plain

The members of the North Georgia QRP Club have designed and kitted a QRP accessory that no QRPer should be without. An article describing the PiG is appearing in the Oct 99 ARCI QRP Quarterly and should be in your hands shortly.

The NoGaPiG - North Georgia Power Indicator/Guard is a low cost kit that will help provide you piece of mind knowing that your rigs are being protected by the PiG. This is an excellent educational kit for learning about basic solid state circuits and components in an area that many QRPers neglect - voltage monitoring and control. A relatively extensive manual is offered to allow testing and verification of the unit BEFORE using it with valuable gear.

The NoGaPiG provides over current, reverse voltage, overvoltage protection, as well as, low voltage detection and indication. Under typical field use it will eliminate the need for voltmeters and a pocket of fuses. Its small size and low power requirement will enable it to be integrated into existing rigs or used externally in a separate enclosure. If used externally you will gain all the advantages of internal MODs that could be made to your rig without even removing the cover thus protecting original condition and resale value. The protection offered will significantly reduce or eliminate those catastrophic events that could BBQ your rig. You will not want to operate without the PiG once you see the advantages.

The NoGa QRP club is now opening up the ordering for the PiG which contains the PC board, all PCB mounted parts and a very complete assembly/testing manual for \$13 + \$2 (up to three kits) domestic shipping (\$4 shipping DX). All you need to do to complete your PiG is to add a SPST (N.O.) push button switch for testing that the fuse and battery are operational. Low Voltage detection is automatic and does not require the external switch. The PC board is about 1.5 inch by 2.5 inches and the PiG only occupies about 1/3 of the space. Other NoGa options are available for the remaining space. The mounting and enclosure are user determined. Our prototypes have been mounted in ALTOIDs boxes. FAR Circuits has produced the boards for NoGa and they (boards only) are available from FAR directly.

Ordering Information:

Send check or M.O. (in US funds, written against a major US bank) made out to "Ken Evans, W4DU" and send to:

Ken Evans, W4DU

848 Valbrook Ct.

Liburn, GA 30247

(To insure faster handling please include Self Addressed Mailing Label)

Information on the NoGaPig can be found on the North Georgia QRP website <http://www.qsl.net/nogaqrp/> under the Club Projects Section. NoGaQRP Club and/or ARCI will be placing the full QQ article on the web soon. We will be adding webpage sections to discuss the optional sections to the PC board including a PIC keyer and Audio/HISS filter. If all components of this board are populated you will have an integrated power, keyer, and headphone capability. The complete unit is ideal for the low-end QRP rigs and older classic rigs that don't have these features built-in (ie Heath HW series and the early TT QRP rigs) and even those new more expensive rigs that you like to give additional protection.

Several PiG units have been shipped to date and Jim Stafford W4Q0 will have 50 kits with him at Pacificon.

So..... "Don't BBQ your Rig Use the Pig"

Sam Billingsley AE4GX (for the NOGA QRP Club)
Atlanta (Buckhead), GA
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Date: Thu, 14 Oct 1999 15:36:33 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [53210] Buzz Saw Plots
Message-ID: <001701bf1683\$daca96a0\$2837a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I have updated my Web pages with a little bit more "Buzz Saw" spectrum data at:

<http://home.swbell.net/aa5tb/unusual.html>

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Thu, 14 Oct 1999 15:59:32 -0700
From: Bob Kellogg <ae4ic@nr.infi.net>
To: Drbob92031@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53211] Re: Help w/condo ant. system
Message-ID: <38066053.CBDE3C8B@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob,

A general rule of thumb on all band wire antennas is "Put as much wire as you can as high as you can"

Rather than using coax and/or twin lead, I'd just run the wire from my window up and across the roof as far and as high as I could. You will have to use a tuner with this wire. (and you may have to attach a counterpoise wire to tune some bands. The counterpoise can be another piece of wire 15 - 20' long connected to the ground of the tuner) You will get a different pattern of coverage on each band, but it will work surprisingly well.

A well known wire antenna is called the W3EDP, after the guy who first described it. It's simply a wire 85' long and a 17' counterpoise. I've used this antenna in motels and in the field on several occasions with good results. It's not as good as a dipole high in the air, but it will do very nicely in situations such as yours. A friend lives in an apartment and has his W3EDP running out his second story window and up over the top of a grove of trees beside the apartment. No one even sees the wire.

Hope this helps. And, good luck with your antenna!

Drbob92031@aol.com wrote:

>
> To any and all;
>
> QTH is condo where antennas are prohibited, so I have a long wire for 20 M on
> the roof. Building is 6 floors and I am on the 5th floor. My coax is hidden
> in a pipe on the side of the condo as it goes to the roof.

CUL,
Bob Kellogg, AE4IC Greensboro, NC
Prolably, not nececelery. - Benny Hill

Date: Thu, 14 Oct 1999 13:44:15 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [53212] Re: Y2K PacifiCon Countdown
Message-ID: <19991014204415.2417.rocketmail@web115.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- "Paul Harden, NA5N" <na5n@rt66.com> wrote:
> Gang,
> Sure is hard to believe PacifiCon is almost
> See you all at Fudrucker's friday night.

Paul, I'll be the guy in the yellow Norcal Tshirt
with gray hair and beard. Uh, never mind. 8-)

72!

Jeff

=====
Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Thu, 14 Oct 1999 13:47:09 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: Sam Billingsley <SBillingsley@usaninc.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53213] Re: North Georgia QRP Club (NoGa) offers the PiG Kit - a QRP
Accessory
Message-ID: <Pine.BSF.4.10.9910141342440.24608-100000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Sam,

That sounds like a really neat kit. But, what I'd be most interested in is a Hi Intensity Dipole/Exciter. Nope, just can't wait to see your fine club produce the NoGaHIDE.

ByGones... ;-}

73,
Bob - W3CD

Date: Thu, 14 Oct 1999 16:53:15 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: mitymik@wenet.net
Cc: qrp-1@lehigh.edu
Subject: [53214] Re: 2N2-6...?
Message-ID: <3.0.1.32.19991014165315.0073f1cc@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:33 AM 10/14/99 -0700, Mick, WD8MNV/6 wrote:

>I know i'll see this at Pacificon tomorrow, but is this a 2N2 - 40 with
>the Transverter added on,
2N2/6 is a transverter that can be used with a 2N2/40 to put it
on 6 meters. It'll work with other 40 meter rigs too!

>or was it built as a 6 meter rig from the
>ground up?
No....see above.

>And...doesn't the 2N2222 kinda crap out at VHF?
Yup....but suprisingly, puts out quite a bit of r.f. at 50 MHz. A
lot more than I expected it would from the published specifications.

See you tomorrow in Condord. I'll be there about 3:30 PM, hopefully.

Jim, K8IQY

PS, the 2N2/6, and both 2N2/40s are packed, ready to visit the
sunny California coast!

Date: Thu, 14 Oct 1999 17:08:51 -0400
From: The Boices <boice@bigfoot.com>

To: qrp-1@Lehigh.EDU
Subject: [53215] OT: Over the Horizon Radar
Message-ID: <3.0.6.32.19991014170851.007c79d0@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Since there was some talk the other day about OTHR, I did a little searching and came up with <http://www1.etl.noaa.gov/othr/index.html> Make sure you click on the small images to get a glimpse of some serious HF antenna arrays!

On another page, it was noted that the USAF shut down their OTH-B system in 1995, so apparently NOAA only got to use it for a year.

Check out <http://www1.etl.noaa.gov/othr/othb.htm> for a coverage map of the USAF systems, including their 3 west coast transmitters, on the CA-OR border.

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw

Date: Thu, 14 Oct 1999 14:37:12 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [53216] Pacificon Weather & Hotel Report
Message-ID: <01bf168c\$47142bc0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, the weather report for this weekend in Concord, site of Pacificon is for sunny skies, mild temperatures in the low 80's and NO rain. In a nutshell, beautiful. Typical California fall weather.

The hotel will have hot water. See you there, 72, Doug, KI6DS

Date: Thu, 14 Oct 1999 17:33:58 -0400
From: "Morrow, Michael A." <mamorrow@tva.gov>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [53217] RE: News Flash (Solar Activity)

Message-ID: <A4880B68BD08D011B8580000F8014A49021F926E@mshbfnois1b.cha.tva.gov>
MIME-Version: 1.0
Content-Type: text/plain

Scott wrote:

> There have been *MASSIVE* sun-spot flare ups today (10-14-99)!!!!
> Even 2 meter communications are fouled up, locally (Kasas City,Mo.)!
> Just thought I would pass this along to everyone!
> 72
> Scott
>
>

I never noticed, until I went looking for this type of info after reading Scott's message, that one can get the WWV-type info from the following web site:

[gopher://proton.sec.noaa.gov:70/00/latest/www](http://proton.sec.noaa.gov:70/00/latest/www)

Latest example shown below.

73, Mike / KK5F

:Issued: 1999 Oct 14 2115 UT
Prepared by the U.S. Dept. of Commerce, NOAA, Space Environment Center.

Geophysical Alert Message

Solar-terrestrial indices for 14 October follow.
Solar flux 200 and estimated Boulder A-index 20.
The Boulder K-index at 2100 UT on 14 October was 2 (16 nT).

Solar-terrestrial conditions for the last 24 hours follow.
Solar activity was high.
The geomagnetic field was quiet to active.
A major flare occurred at 0900 UT on 14 Oct.

The forecast for the next 24 hours follows.
Solar activity will be moderate.
The geomagnetic field will be active.

Date: Thu, 14 Oct 1999 14:34:37 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [53218] Re: Pacificon Weather & Hotel Report
Message-ID: <Pine.GS0.4.10.9910141433160.26335-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 14 Oct 1999, Hendricks, Doug wrote:

> The hotel will have hot water.

And don't forget.....even the A/C worked last year!

Wheeeeeee!!!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 14 Oct 1999 15:46:38 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Jeff <fantbb@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53219] Re: Y2K PacifiCon Countdown
Message-ID: <Pine.SUN.4.10.9910141545350.28804-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 14 Oct 1999, Jeff wrote:

> Paul, I'll be the guy in the yellow Norcal Tshirt
> with gray hair and beard. Uh, never mind. 8-)

Hey ... that's my MO! :-)

72, Paul NA5N

Date: Thu, 14 Oct 1999 14:42:26 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>

Subject: [53220] Screwdriver Antenna
Message-ID: <Pine.GS0.4.10.9910141438090.26718-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

A few days ago I saw an ad for a gadget that will give the screwdriver antennas some memory. It will return to something like the lasts 12 or 16 settings....I also seem to remember something about there being a booth at Pacificon.

I thought the ad was in World Radio but now I can't find it.

Does anyone know where the ad is?

(Dang, I wonder if it's all that super glue I've been thinking about?) :-)

That's a joke folks! (Not the question about the ad, just the super glue comment)....

Thanks, cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 14 Oct 1999 17:47:15 EDT
From: HWRM1SS@aol.com
To: SFIKE@twa.com, njqrp@njqrp.org, qrp-1@lehigh.edu
Subject: [53221] Re: Sun-Spots
Message-ID: <0.38474cf5.2537a963@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Believe ot or not Art Bell (the late night UFO and other strange anomaly guy) often has sunspot information on his website - www.artbell.com
Howard K3HW

Date: Thu, 14 Oct 1999 14:57:06 -0700 (PDT)
From: "Jack Oakland, CA" <w6abc@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [53222] TT2 Beacons Now @ 7.043.2 from Oakland, CA
Message-ID: <19991014215706.2924.rocketmail@web2103.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am Beacons right now. I will beacon for 15 minutes.
If anyone in the Bay Area is able to tune this in please let me know if you hear the beacon.
email to friday2k@pacbell.net
Start time is 21:55 and end time of beacon will be 22:15 UTC
Thanks and 72,
Jack

=====

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Thu, 14 Oct 1999 15:12:50 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [53223] KI6DS On Way to Pacificon
Message-ID: <01bf1691\$41cd3620\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The last bell just rang, the kids are gone and so am I. See you at Pacificon. 72, doug, KI6DS

Date: Thu, 14 Oct 1999 15:12:02 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu

Subject: [53224] What to buy at P'Con?
Message-ID: <38065532.83F53B8E@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Great friends, well, in 1997 I had but \$53.00 to spend at Pacificon. Slept on the floor and all that stuff.... I bought Ade's book and a NC-Paddle, 3 cig. lighter pwr cords and the rest went to food for Friday/Sat/sunday and gas money to my ride.

1998 was another experience. Rode up with one guy, spent all day there and only bought dinner; got a ride close to home (thanks Darrell). Another buddy picked me up in Sonoma and got me home after Midnight.

1999: I've saved up a bit and have some fun money. Also got an anonymous \$10.00 from someone in Arizona and it is going to help get me a PiG kit, I believe.

With the wife coming, we have the car this time. And she's gotta see the 'cute' little gear.

So, is there a list of Kits under \$50.00 somewhere??

I gotta come home with something this year. I have to at least buy Shannon something for putting up with me out in the shack, soldering all the time :)

Maybe I'll build it for her :)

72/Ed we6w

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Thu, 14 Oct 1999 16:20:25 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Cc: cqclist@cqc.org
Subject: [53225] X1 Solar Flare
Message-ID: <Pine.SUN.4.10.9910141603380.28923-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Thanks to Scott and Mike KK5F for the heads up on this one.

Yes, there was an X class flare at 0900UTC today (X1.8). Any X class flare is considered a massive flare. The sun has been very quiet past 3 weeks, and region 8731, where this flare occurred, began some growth, but nothing to warrant a major flare alert. It was an unexpected major flare.

Region 8731 is 11 degrees above the solar equator (that is, slightly above the ecliptic where the Earth resides) and 37 degrees east of the central longitude. This places it just inside the window of being "geoeffective" ... that is, where the earth will lie in the trajectory path of the mass and particles released by the flare.

The immediate effects of the flare are over, except for the enhanced ionization it produced in our atmosphere. That will dissipate this evening. However, about mid-day on October 16th, we could expect the shock wave from the flare to hit us, which will undoubtedly cause a geomagnetic disturbance. A major geomagnetic storm is possible, although the images of the flare and CME used for such predictions are not yet available. But due to the flares position on the sun, it appears quite likely we will experience some storming on October 16th.

The good news is the solar flux hit 200 today, with several days left in this solar rotation for the solar flux to climb higher. Often a large flare can suddenly elevate the solar flux as well. So ... propagation conditions on 20M and above should be very good over the next week. The lower bands will continue to be a bit rocky (mostly 40-80M) due to a continuing coronal hole that is keeping conditions disturbed, and of course the likely arrival Oct. 16th of today's flare mass ejection.

Work the upper bands. With a solar flux of 200, 5W can travel the world.

72, Paul NA5N

Date: Thu, 14 Oct 1999 18:18:13 -0400
From: "S. M. Whitehouse" <ke4yh@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <aa5tb@swbell.net>
Subject: [53226] Buzzsaw
Message-ID: <003b01bf1692\$27861c40\$642c6018@Stew.gte.net>

>From AA5TB web page: "...It is interesting to note that the transmission on

a given frequency would stop within tenths of a second when a strong CW station would come on the air. This may have just been coincidence...."

Steve do all the CW transmissions start with six dashes followed by a letter? Is the CW in a QSO or just testing? The sig in you WAV file sends dashes F F TEST TE -cuts off there-, starts just when the BuzzSaw stops and is about the same amplitude. Perhaps an identifier?

I haven't heard the signal everyone on QRP-L is talking about but thought it might be the old Rotory Buzz Jammer that has been around for years (at least since WWII). After hearing your WAV file I can say it is not the RBJ. But, I wouldn't rule out a jammer. Have you listened to the signal with the BFO turned off (AM mode)?

Any QRP-Lers have a selective voltmeter that they can isolate individual sidebands with. From there you can start looking for modulation. May be some multichannel phase modulation lurking there. In a spectral display (freq vs time) phase shifts will show up as spikes. The bigger the shift (degrees) the higher the spike.

Someone mentioned that it might be an FDM signal. A typical FDM (Frequency Division Multiplex) signal found in the UHF spectrum and up is an FM signal modulated with several, up to a whole bunch, of subcarriers. These are usually spaced at 3, 4, 5, or 6 KHZ and each can be modulated like a separate carrier. A signal like this takes a lot of bandwidth and won't be found in the HF band. A type of FDM found on HF is DFS (double frequency shift keying). This will sound just like a rtty signal (or two rtty sigs close together) I have seen DFS signals with tty in one channel and auto morse in the other, but not since the sixties.

My instincts tell me the "BuzzSaw" isn't OHR (Over the Horizon RADAR) either. Any readers located around the Indian subcontinent (Pakistan?) hearing this signal?

72

Stew KE4YH QRP-1, ARRL, NCVA, USN Ret.
Dunedin, Florida

<http://home1.gte.net/ke4yh/>

Date: Thu, 14 Oct 1999 16:29:18 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [53227] What? Another QRP Mag??
Message-ID: <3.0.5.32.19991014162918.00949370@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>SUBSCRIPTIONS to QRP Homebrewer are now officially being
>accepted. Domestic subscriptions (US and Canadian
>addresses) are \$15 per year, delivered by first class mail.
>DX subscriptions are \$20 per year, delivered by air mail.
>
Boyohboyohboy ... just what we need; another QRP mag to dilute the content
of the zillions already out there! :-(

Anyway, I wish George success... sorta.

Date: Thu, 14 Oct 1999 15:35:51 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <qrp-l@lehigh.edu>
Subject: [53228] OT: Which scope should I buy
Message-ID: <002f01bf1694\$78061a60\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I'm having a dilemma and wanted some input from you guys. I've narrowed down
the scopes that are available and that I can afford. Here they are:

Tek 465, 100 Mhz dual trace, \$400
Tek 475, 200 Mhz dual trace, better than the 465 I'm told, \$450
Tek 2336 100 Mhz, dual trace, smaller and ruggedized than the other two with
a built in DMM. \$525

Which one should I buy? I'll be using this more general electronics (mostly
ham radio stuff) work.

73,

Kory
AC6RN

Date: Thu, 14 Oct 1999 17:46:24 -0500 (CDT)
From: "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
To: qrp-1@lehigh.edu
Subject: [53229] CQ San Francisco area QRPers
Message-ID: <Pine.LNX.4.04.9910141737160.31077-100000@divis17.ped-gen.uiowa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

hi.

i'd be interested in meeting local QRP'ers while i'm in San Francisco from Tue 19-Oct till Sun 24-Oct attending the annual human genetics meeting. there is always some downtime where i could get away for getting together at some restaurant, in San Francisco itself, or someplace i can get to by public transportation. i've had fun doing similar things during the meeting the last two years when it was held in Baltimore (1997) and Denver (1998).

if you're interested let me know privately by email:
adam-kanis@uiowa.edu

72,
--adam, ak0p

Adam B. Kanis, AK0P
adam-kanis@uiowa.edu QTH: Wellman, IA (Near Iowa City) EN41ck
--- ARRL:RSGB:QRP-ARCI:GQRP:QRP-L:NorCal:Iowa QRP:SEITS ---
** On the web at <http://genome33.ped-gen.uiowa.edu/hamradio> **

Date: Fri, 15 Oct 1999 00:49:57 +0200
From: dareid@synopsys.com
To: elecraft@qth.net, qrp-1@lehigh.edu
Subject: [53230] Hams in the bay area- pizza evening
Message-ID: <199910142249.AAA06930@goofy.gr05.synopsys.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi all,
well not had too many replies to the Norcal Pizza evening yet - so
I'm trying again....

If you are interested in a little get together for a pizza and a chat
next week in the bay area (around Mountain View) please email me
direct and I try to organise something.

It will probably be on a weekday evening and everyone can bring
their goodies from Pacificon 99 - to give us something to talk about.

If you're interested, but next week is not good for you - then let me
know and perhaps we can have a meeting in the following week as
well.... after that, I have to go back to Europe.

Take care, best wishes es 72/73 de Dave
PA3HBB / G0BZF - QRV from Sunnyvale with K2 and dipoles as
W6/G0BZF

End of QRP-L Digest 1608
